

EPA-744

William
Perkins/DC/USEPA/US
Sent by: Bill Perkins

12/05/2009 11:58 PM

To Jason Samenow, Marcus Sarofim
cc
bcc
Subject Fw: volume 2

Jason (and Marcus),

Enclosed is Volume 2.

Cheers,

Bill

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
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(C) (b)(6) privacy

----- Forwarded by William Perkins/DC/USEPA/US on 12/05/2009 11:58 PM -----

From: "Matthew Mitchell" <Matthew.Mitchell@erg.com>
To: Lesley Jantarasami/DC/USEPA/US@EPA, William Perkins/DC/USEPA/US@EPA
Cc: "Mae Thomas" <Mae.Thomas@erg.com>, "Sue Eisenfeld" <Sue.Eisenfeld@erg.com>
Date: 12/05/2009 11:54 PM
Subject: volume 2

Here, at last, is the rather epic Volume 2.

Matthew N. Mitchell
ERG
110 Hartwell Avenue
Lexington, MA 02421-3136

(p) 781-674-7331

(f) 781-674-2851

(b)(5) deliberative

(b)(5) del berative

vol 2 second-round edited.doc vol 2 refs second-round edited.doc

EPA-1226

Marcus
Sarofim/DC/USEPA/US
12/06/2009 11:42 AM

To Jason Samenow
cc
bcc
Subject volume 2

Additional reference:

T.V. Segalstad, "Carbon Cycle Modeling and the Residence Time of Natural and Anthropogenic Atmospheric CO₂: On the Construction of the 'Greenhouse Effect Global Warming' Dogma," 1997, *Global Warming: The Continuing Debate*, "European Science and Environment Forum (ESEF) (Cambridge, England: 1998), <http://folk.uio.no/tomvs/esef/ESEF3VO2.htm>.

(b)(5) deliberative

vol 2 second-round edited-mcs.doc

I made edits to that last comment/reference, so you'll have to put in Dina's edits on top of mine.

I'll look at reference edits next,

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
fax: 202-343-2202
1310 L Street 256C
AAAS Science & Technology Policy Fellow
with the EPA Climate Division

EPA-323

**William
Perkins/DC/USEPA/US**
12/06/2009 02:40 PM

To Rona Birnbaum, Carol Holmes, John Hannon, Ben
DeAngelo, David Chalmers, Lesley Jantarasami, Marcus
Sarofim, Jeremy Martinich, Jason Samenow, Michael Kolian
cc
bcc
Subject Fyi: Commenter Submitted/Incorporated References List

All,

Enclosed is the list of all materials that commenters submitted or incorporated by reference . There are about 7,200 materials listed here on 190 pp. This will be docketed, is referred to in the forewords and Volume 1, and some of you refer to this in your RTC volumes. Thank you.

Cheers,

Bill



Materials Submitted or Referred to in Public Comments EPA-HQ-OAR-2009-0171.pdf

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May be found at regulations.gov
Docket ID # EPA-HQ-OAR-2009-0171

EPA-680

Rona
Birnbaum/DC/USEPA/US
12/06/2009 03:16 PM

To Dina Kruger
cc
bcc
Subject the list



Materials Submitted or Referred to in Public Comments EPA-HQ-OAR-2009-0171.pdf

May be found at regulations.gov
Docket ID # EPA-HQ-OAR-2009-0171

EPA-834

Jason
Samenow/DC/USEPA/US
12/06/2009 04:50 PM

To: David Chalmers
cc
bcc
Subject: Re: can you please send me the most recent version of vol 2?

(b)(5) del berative

vol 2 120709.doc

David Chalmers Thanks

12/06/2009 04:49:00 PM

From: David Chalmers/DC/USEPA/US
To: Jason Samenow/DC/USEPA/US@EPA
Date: 12/06/2009 04:49 PM
Subject: can you please send me the most recent version of vol 2?

Thanks

EPA-878

Jason
Samenow/DC/USEPA/US
12/06/2009 05:25 PM

To: Marcus Sarofim
cc
bcc
Subject: Fw: requests for ERG on vol 2

Marcus-- FYI... Just sent Vol 2 off the ERG for one more minor QC round. When we get it back, we can add in # references.

Jason

----- Forwarded by Jason Samenow/DC/USEPA/US on 12/06/2009 05:24 PM -----

From: Jason Samenow/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 12/06/2009 05:24 PM
Subject: requests for ERG on vol 2

Instructions for ERG on Volume 2:

- 1) Address all margin comment bubbles directed to "ERG" in both the RTC and reference attachment and adjust references based on margin bubbles as necessary
- 2) Add the 2 comments and responses below to the Extreme Event section of this volume (at the end is fine), and renumber comments/responses beneath that. (note: the references cited in these RTCs are already in the TSD).
- 3) Making any necessary formatting adjustments to the Appendices. Note that several of these are web pages I copied and pasted into the document and originate from cached versions of web pages that are no longer live (they are attached). I don't think it's necessary to spend a lot of time making these look pretty, but we probably want them to look like the web pages they originated from for authenticity, right?
- 4) Merge references (in separate document) with main volume

Thanks so much...
Jason

Comment:

(b)(5) deliberative

Response:

(b)(5) deliberative

(b)(5) deliberative

Comment:

(b)(5) deliberative

Response:

(b)(5) deliberative



hadcru-temperature.htm



hadcru-availability.htm

(b)(5) deliberative

vol 2 120709.doc

(b)(5) deliberative

references vol 2 120709.doc

This is Google's cache of <http://www.cru.uea.ac.uk/cru/data/temperature/>. It is a snapshot of the page as it appeared on Nov 28, 2009 21:54:02 GMT. The [current page](#) could have changed in the meantime. [Learn more](#)

These search terms are highlighted: **hadley cru temperature** These terms only appear in links pointing to this [Full version](#) page: **center**

[Climatic Research Unit: Data](#)

[Graph](#)
[Hemispheric and global averages graph](#)
(also available as a [EPS](#) and [PDE](#))

Temperature

From the beginning of January 2006, we have replaced the various grid-box **temperature** anomaly (from the base period 1961-90) datasets with new versions, HadCRUT3 and CRUTEM3 (see Brohan et al., 2006). The datasets have been developed in conjunction with **Hadley** Centre of the UK Met Office. These datasets will be updated at roughly monthly intervals into the future. Hemispheric and global averages as monthly and annual values are available as separate files.

This text gives some brief information to users about the datasets including:

- [Scientific papers](#) that should be consulted for complete details and referenced if any of the datasets are used
- [Dataset terminology](#), [file formats](#) and [downloads](#) available
- [Answers to some frequently-asked questions](#)

The earlier versions (HadCRUT2 and CRUTEM2 and their variance adjusted versions) can be found [here](#). They are no longer being updated.

References

- Brohan, P., J.J. Kennedy, I. Harris, S.F.B. Tett and P.D. Jones, 2006: Uncertainty estimates in regional and global observed **temperature** changes: a new dataset from 1850. *J. Geophysical Research* **111**, D12106, [doi:10.1029/2005JD006548](#) -- [Available as PDF](#)
- Jones, P.D., New, M., Parker, D.E., Martin, S. and Rigor, I.G., 1999: Surface air **temperature** and its variations over the last 150 years. *Reviews of Geophysics* **37**, 173-199.
- Rayner, N.A., P. Brohan, D.E. Parker, C.K. Folland, J.J. Kennedy, M. Vanicek, T. Ansell and S.F.B. Tett, 2006: Improved analyses of changes and uncertainties in marine **temperature** measured in situ since the mid-nineteenth century: the HadSST2 dataset. *J. Climate*, **19**, 446-469.
- Rayner, N.A., Parker, D.E., Horton, E.B., Folland, C.K., Alexander, L.V, Rowell, D.P., Kent, E.C. and Kaplan, A., 2003: Globally complete analyses of sea surface **temperature**, sea ice and night marine air **temperature**, 1871-2000. *J. Geophysical Research* **108**, 4407, [doi:10.1029/2002JD002670](#)

Dataset Terminology

CRUTEM3CRUTEM3vHadCRUT3HadCRUT3vHadSST2Absolute

land air temperature anomalies on a 5° by 5° grid-box basis
variance adjusted version of CRUTEM3
combined land and marine [sea surface temperature (SST) anomalies from HadSST2, see Rayner et al., 2006] temperature anomalies on a 5° by 5° grid-box basis
variance adjusted version of HadCRUT3

sea surface temperature anomalies from Rainer et al (2006)
Absolute temperatures for the base period 1961-90 (see Jones et al., 1999)

File Formats

CRUTEM3, CRUTEM3v, HadCRUT3, HadCRUT3v, Absolute ASCII file format

<pre>for year = 1850 to endyear for month = 1 to 12 (or less in endyear) format(2i6) year, month for row = 1 to 36 (85-90N,80-85N,75-70N,...75-80S,80-85S,85-90S) format(72(e10.3,1x)) 180W-175W,175W-170W,...,175-180E</pre>
Data represent temperature anomalies wrt 1961-90 °C
Missing values represented by -1.000e+30
Absolute is just the twelve monthly averages for 1961-90: there are no years

HadSST2 ASCII file format

<pre>for year = 1850 to endyear for month = 1 to 12 (or less in endyear) format(2i12) month, year for row = 1 to 36 (85-90N,80-85N,75-70N,...75-80S,80-85S,85-90S) format(72(f7.2,1x)) 180W-175W,175W-170W,...,175-180E</pre>
Data represent temperature anomalies wrt 1961-90 °C
Missing values represented by -99.99

Hemispheric/global average data file format

<pre>for year = 1850 to endyear format(i5,13f7.3) year, 12 * monthly values, annual value format(i5,12i7) year, 12 * percentage coverage of hemisphere or globe</pre>
Coverage of 0 means data not yet available

[NetCDF format](#) is read by many commercial data-processing packages (eg. [IDL](#)) and public-domain software (eg. [ncview](#), a NetCDF viewer, and [NCL](#), a scriptable data-manipulation and visualisation package)

Data for Downloading

DatasetFull gridEnd month

Updated Hemispheric means**Hadley** CentreCRUTEM3 CRUTEM3v HadCRUT3 HadCRUT3v HadSST2 Absolute

Zipped ASCII 2 MB	NetCDF 18 MB	2009-02 2009-03-13	NH	SH	GL	HADLEY CENTRE
Zipped ASCII 3 MB	NetCDF 18 MB	2009-02 2009-03-13	NH	SH	GL	
Zipped ASCII 7 MB	NetCDF 18 MB	2009-02 2009-03-12	NH	SH	GL	HADLEY CENTRE
Zipped ASCII 7 MB	NetCDF 18 MB	2009-02 2009-03-12	NH	SH	GL	
Zipped ASCII 3 MB	NetCDF 37 MB	2009-02 2009-03-05	NH	SH	GL	HADLEY CENTRE
Zipped ASCII 3 MB	NetCDF 63 KB					

All these files can also be found on our FTP server <ftp://ftp.cru.uea.ac.uk/data>

Answers to Frequently-asked Questions

The answers given are intended to be brief rather than comprehensive. For complete details readers are referred to the scientific references already given.

What are the basic raw data used?

Over land regions of the world over 3000 monthly station **temperature** time series are used. Coverage is denser over the more populated parts of the world, particularly, the United States, southern Canada, Europe and Japan. Coverage is sparsest over the interior of the South American and African continents and over the Antarctic. The number of available stations was small during the 1850s, but increases to over 3000 stations during the 1951-90 period. For marine regions sea surface **temperature** (SST) measurements taken on board merchant and some naval vessels are used. As the majority come from the voluntary observing fleet, coverage is reduced away from the main shipping lanes and is minimal over the Southern Oceans. Maps/tables giving the density of coverage through time are given for land regions by Jones and Moberg (2003) and for the oceans by Rayner *et al.* (2003). Both these sources also extensively discuss the issue of consistency and homogeneity of the measurements through time and the steps that have made to ensure all non-climatic inhomogeneities have been removed.

Why are sea surface temperatures rather than air temperatures used over the oceans?

Over the ocean areas the most plentiful and most consistent measurements of **temperature** have been taken of the sea surface. Marine air temperatures (MAT) are also taken and would, ideally, be preferable when combining with land temperatures, but they involve more complex problems with homogeneity than SSTs (Rayner *et al.*, 2003). The problems are reduced using night only marine air **temperature** (NMAT) but at the expense of discarding approximately half the MAT data. Our use of SST anomalies implies that we are tacitly assuming that the anomalies of SST are in agreement with those of MAT. Many tests show that NMAT anomalies agree well with SST anomalies on seasonal and longer time scales in most open ocean areas. Globally the agreement is currently very good (Rayner *et al.*, 2003), even better than in Folland *et al.* (2001b). However, some regional discrepancies in open ocean trends have recently been found in the tropics (Christy *et al.*, 2001).

Why are the temperatures expressed as anomalies from 1961-90?

Stations on land are at different elevations, and different countries estimate average monthly temperatures using different methods and formulae. To avoid biases that could result from these problems, monthly average temperatures are reduced to anomalies from the period with best coverage (1961-90). For stations to be used, an estimate of the base period average must be calculated. Because many stations do not have complete records for the 1961-90 period several methods have been developed to estimate 1961-90 averages from neighbouring records or using other sources of data. Over the oceans, where observations are generally made from mobile platforms, it is impossible to assemble long series of actual temperatures for fixed points. However it is possible to interpolate historical data to create spatially complete reference climatologies (averages for 1961-90) so that individual observations can be compared with a local normal for the given day of the year.

Why do anomalies not average exactly zero over 1961-90?

Over both the land and marine domains considerable care has been taken in calculating the base period values for the 1961-90 period. However, as all regions don't have complete data for this 30-year period, the anomaly data do not average exactly to zero for this 30-year period. This also applies to the global and hemispheric average series as well as the individual grid-box series. However, the IPCC optimally averaged global and hemispheric time series (see later web address) are constrained to have anomalies that average to zero over 1961-90.

How are the land and marine data combined?

Both the component parts (land and marine) are separately interpolated to the same 5° x 5° latitude/longitude grid boxes. The combined versions (HadCRUT3 and HadCRUT3v) take values from each component and weight the grid boxes where both occur (coastlines and islands). The weighting method is described in detail in Jones *et al.* (2001). Land **temperature** anomalies are infilled where more than four of the surrounding eight 5° x 5° grid boxes are present, as discussed in Jones *et al.* (2001). Infilling doesn't take place when the box is ocean, except when it covered by sea ice based on 1961-90 average conditions.

How accurate are the hemispheric and global averages?

Annual values are approximately accurate to $\pm 0.05^{\circ}\text{C}$ (two standard errors) for the period since 1951. They are about four times as uncertain during the 1850s, with the accuracy improving gradually between 1860 and 1950 except for temporary deteriorations during data-sparse, wartime intervals. Estimating accuracy is a far from a trivial task as the individual grid-boxes are not independent of each other and the accuracy of each grid-box time series varies through time (although the variance adjustment has reduced this influence to a large extent). The issue is discussed extensively by Folland *et al.* (2001a,b) and Jones *et al.* (1997). Both Folland *et al.* (2001a,b) references extend discussion to the estimate of accuracy of trends in the global and hemispheric series, including the additional uncertainties related to homogeneity corrections.

In the hemispheric files averages are now given to a precision of three decimal places to enable seasonal values to be calculated to $\pm 0.01^{\circ}\text{C}$. The extra precision implies no greater accuracy than two decimal places.

*Why do global and hemispheric **temperature** anomalies differ from those quoted in the IPCC assessment and the media?*

We have areally averaged grid-box **temperature** anomalies (using the HadCRUT3v dataset), with weighting according to the area of each 5° x 5° grid box, into hemispheric values; we then averaged these two values to create the global-average anomaly. However, the global and hemispheric anomalies used by IPCC and in the World Meteorological Organization and Met Office news releases were calculated using optimal averaging. This technique uses information on how temperatures at each location co-vary, to weight the data to take best account of areas where there are no observations at a given time. The method uses the same basic information (i.e. in future HadCRUT3v and subsequent improvements), along with the data-coverage and the measurement and sampling errors, to estimate uncertainties on the global and hemispheric average anomalies. The more elementary technique (used here) produces no estimates of uncertainties, but our results generally lie within the ranges estimated by optimum averaging. The constraint that the average be zero over 1961-90 in the optimal averages also adds a small offset compared to the other data described here.

The present optimal averages with annual uncertainties are [accessible from the Hadley Centre](#). The data include values filtered to show decadal and longer-term variations and uncertainties. This replaces the IPCC 2001 version at the above site (see Parker *et al.* 2004). All other versions of global and hemispheric **temperature** anomalies are only steps to the IPCC series.

Why are values slightly different when I download an updated file a year later?

All the files on this page (except Absolute) will be updated on a monthly basis to include the latest month within about four weeks of its completion. Updating includes not just data for the last month but the addition of any late reports for up to approximately the last two years. In addition to this the method of variance adjustment (used for CRUTEM3v and HadCRUT3v) works on the anomalous temperatures relative to the underlying trend on an approximate 30-year timescale. Estimating this trend requires estimation of grid-box temperatures for years before the start of each record and after the end. With the addition of subsequent years, the underlying trend will alter slightly, changing the variance-adjusted values. Effects will be greatest on the last year of the record, but an influence can be evident for the last three to four years. Full details of the variance adjustment procedure are given in Jones *et al.* (2001). Approximately yearly, the optimally averaged values will also be updated to take account of such additional past information

See also

- [CRU Information Sheet no. 1: Global Temperature Record](#)
- [Climate Monitor Online](#) has month-by-month visualisations of [gridded](#) and [hemispheric temperature](#).
- Todd Mitchell at JISAO also provides a NetCDF version of [Land/Ocean](#) grid.
- [CRUTEM2 and related datasets](#) will remain available in parallel for a while.
- [Examples plots of CRU data](#) using [NCAR Command Language \(NCL\)](#)
- [Land Stations used by the Climatic Research Unit within CRUTEM3](#)
- Farmer et al. 1989, "[Documenting and explaining recent global-mean temperature changes](#)" (Adobe Portable Document Format file) (17MB) - final report to NERC contract GR3/6565.

Last updated: June 2008, Phil Jones & Mike Salmon (plus automatic updates for data)

This is Google's cache of <https://www.cru.uea.ac.uk/cru/data/availability/>. It is a snapshot of the page as it appeared on Oct 21, 2009 12:27:45 GMT. The [current page](#) could have changed in the meantime. [Learn more](#)

These terms only appear in links pointing to this page: **http www cru uea ac uk cru data availability**

[Full version](#)

[Climatic Research Unit](#) : [Data](#)

CRU Data Availability

The Climatic Research Unit (CRU) at the University of East Anglia (UEA) has, since 1982, made available gridded datasets of surface temperature data over land areas and averages for the Northern and Southern Hemispheres and the Globe. Until the development of the internet these were made available via various media. These datasets (the latest being CRUTEM3 <http://www.cru.uea.ac.uk/cru/data/temperature/>) have been developed from data acquired from weather stations around the world. Almost all these weather stations are run by National Meteorological Services (NMSs) and they exchange these data over the CLIMAT network, which is part of the World Meteorological Organization's (WMO) Global Telecommunications System (GTS). Much of the original data in the early 1980s came from publications entitled 'World Weather Records'. We also make use of data available from the National Climatic Data Center in Asheville, North Carolina (their [Global Historical Climatology Network](#), GHCN). We are also constantly striving to find additional, and homogenized data from a wide range of sources (see details of earlier work in the publications below). Both the gridded datasets and the station data archive have evolved over the years and we developed dataset version numbers in the early 1990s. The methodology we have used in developing the gridded datasets has been described in numerous publications in the climate literature (see list at the end of this document and also <http://www.cru.uea.ac.uk/cru/data/temperature/> and the linked FAQs).

Since the early 1980s, some NMSs, other organizations and individual scientists have given or sold us (see Hulme, 1994, for a summary of European data collection efforts) additional data for inclusion in the gridded datasets, often on the understanding that the data are only used for academic purposes with the full permission of the NMSs, organizations and scientists and the original station data are not passed onto third parties. Below we list the agreements that we still hold. We know that there were others, but cannot locate them, possibly as we've moved offices several times during the 1980s. Some date back at least 20 years. Additional agreements are unwritten and relate to partnerships we've made with scientists around the world and visitors to the CRU over this period. In some of the examples given, it can be clearly seen that our requests for data from NMSs have always stated that we would not make the data available to third parties. We included such statements as standard from the 1980s, as that is what many NMSs requested. The inability of some agencies to release climate data held is not uncommon in climate science. The Dutch Met Service (KNMI) run the European Climate Assessment and Dataset (ECA&D, <http://eca.knmi.nl/>) project. They are able to use much data in their numerous analyses, but they cannot make all the original daily station temperature and precipitation series available because of restrictions imposed by some of the data providers. A series of workshops (see Peterson and Manton, 2008 for details) has been held in diverse regions of the world to produce analyses of trends in extremes. NMSs are generally happy to release derived products from their data, even if they restrict access to their digital climate archives. A third example is the Global Precipitation Climatology Centre (<http://gpcc.dwd.de>), run by the German Weather Service (DWD) who make various versions of gridded precipitation datasets freely available, but due to restrictions imposed by data providers are not able to give access to any of the station monthly precipitation totals. The problem is a generic issue and arises from the need of many NMSs to be or aim to be cost neutral (i.e. sell the data to recoup the costs of making observations and preparing the data).

We receive numerous requests for these station data (not just monthly temperature averages, but precipitation totals and pressure averages as well). Requests come from a variety of sources, often for an individual station or all the stations in a region or a country. Sometimes these come because the data cannot be obtained locally or the requester does not have the resources to pay for what some NMSs charge for the data. These data are not ours to provide without the full permission of the relevant NMSs, organizations and scientists. We point enquirers to the GHCN web site. We hope in the future that we may be able to provide these data, jointly with the UK Met Office Hadley Centre, subject to

obtaining consent for making them available from the rights holders. In developing gridded temperature datasets it is important to use as much station data as possible to fully characterise global- and regional-scale changes. Hence, restricting the grids to only including station data that can be freely exchanged would be detrimental to the gridded products in some parts of the world.

We are not in a position to supply data for a particular country not covered by the example agreements referred to earlier, as we have never had sufficient resources to keep track of the exact source of each individual monthly value. Since the 1980s, we have merged the data we have received into existing series or begun new ones, so it is impossible to say if all stations within a particular country or if all of an individual record should be freely available. Data storage availability in the 1980s meant that we were not able to keep the multiple sources for some sites, only the station series after adjustment for homogeneity issues. We, therefore, do not hold the original raw data but only the value-added (i.e. quality controlled and homogenized) data. The priorities we use when merging data from the same station from different sources are discussed in some of the literature cited below. Parts of series may have come from restricted sources, whilst the rest came from other sources. Furthermore, as stated in <http://www.cru.uea.ac.uk/cru/data/landstations/> we have never kept track of changes to country names, as it is only the location and the station's data that are important. So, extracting data for a single country isn't always a simple task.

We rely on the CLIMAT network for updating CRU data series in near-real time. After quality control at the Hadley Centre these data are made available (since 2000) at http://hadobs.metoffice.com/crtem3/data/station_updates/. Much climate data are now additionally available through the internet from NMSs, but these are often difficult to use as data series often refer to national numbering systems, which must be related back to WMO Station Identifiers. Furthermore a number of NMSs make homogenized data (after adjustments for example for site moves, instrument improvements and changes in the way averages are calculated) available in delayed mode over the internet. Some that provide both raw and homogenized versions, generally do not link the two sets of data together.

Some years ago, WMO enacted Resolution 40 (<http://www.map.meteoswiss.ch/map-doc/WMO/WMOresol40.htm>) which covers the exchange of meteorological data and many data products and services produced by NMSs. This resolution applies only to NMSs and whilst Annex 1 implies that much data should be freely available for research and operational uses (commercial is discussed separately in the resolution), many still impose conditions and charge for access (see the earlier discussion related to KNMI and GPCC).

The HadCRUT3 product is a blend of land surface (CRUTEM3) and sea surface temperatures (HadSST2), CRU developing the land series and the Hadley Centre the SST series. Real-time updates of both components are performed at the Hadley Centre (data available at <http://hadobs.metoffice.com/> and also on the CRU site). The collaboration has been ongoing for more than 20 years. A similar set of publications on the Hadley Centre site document the development of the SST datasets.

Files

- [Data agreements \(Adobe Portable Document Format file\)](#)

References

- Hulme, M., 1994: The cost of climate data: A European experience. *Weather* **49**, 168-176.
- Peterson, T.C. and Manton, M.J., 2008: Monitoring changes in climate extremes: a tale of international collaboration. *Bull. Amer. Meteorol. Soc.* **89**, 1266-1271.

Literature describing the development of CRU land temperature datasets

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doi:10.1029/2005JD006548.

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- Jones, P.D., 1994: Hemispheric surface air temperature variations: a reanalysis and an update to 1993. *Journal of Climate* **7**, 1794-1802.
- Bradley, R.S., Kelly, P.M., Jones, P.D., Goodess, C.M. and Diaz, H.F., 1985: A Climatic Data Bank for Northern Hemisphere Land Areas, 1851-1980, U.S. Dept. of Energy, Carbon Dioxide Research Division, *Technical Report TRO17*, 335 pp.
- Jones, P.D., Raper, S.C.B., Santer, B.D., Cherry, B.S.G., Goodess, C.M., Kelly, P.M., Wigley, T.M.L., Bradley, R.S. and Diaz, H.F., 1985: A Grid Point Surface Air Temperature Data Set for the Northern Hemisphere, U.S. Dept. of Energy, Carbon Dioxide Research Division, *Technical Report TRO22*, 251 pp.
- Jones, P.D., Raper, S.C.B., Cherry, B.S.G., Goodess, C.M. and Wigley, T.M.L., 1986: A Grid Point Surface Air Temperature Data Set for the Southern Hemisphere, 1851-1984, U.S. Dept. of Energy, Carbon Dioxide Research Division, *Technical Report TR027*, 73 pp.

EPA-756

William Perkins/DC/USEPA/US
Sent by: Bill Perkins

12/06/2009 06:22 PM

To Mae Thomas, Matthew Mitchell, Sue Eisenfeld
cc Jason Samenow
bcc
Subject Fw: requests for ERG on vol 2

Matt, Sue, and Mae,

As I emailed about earlier, here is the additional work that we need completed on Volume 2 (enclosed).

Jason's big instructions are at the bottom, then follow-on instructions for creating appendices are above that.

Please note that getting Volumes 1 and 6 back to us is the priority over this, but obviously this is a high priority and we need it back tonight.

Jason Samenow is the POC for this at 202.343.9327.

Finally, your team is doing a really great job on this and this will all be complete in the next few hours.

Thank you.

Cheers,

Bill

Also, Please indicate that these are cached versions of the webpages from the given dates. If they have any questions on how they should look then please call Jason.

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6) privacy

----- Forwarded by William Perkins/DC/USEPA/US on 12/06/2009 06:16 PM -----

From: Jason Samenow/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 12/06/2009 06:15 PM
Subject: Fw: requests for ERG on vol 2

for appendix a and b: we should add text indicating these are in fact cached versions of the web pages from dates given , and provide these links:

appendix a:

<http://74.125.93.132/search?q=cache:KOxdACr9VBMJ:www.cru.uea.ac.uk/cru/data/temperature/+cru+temperature+data&hl=en&gl=us&strip=1> (cached version from november 28, 2009)

appendix b:

<http://74.125.93.132/search?q=cache:mcd09WUmm08J:https://www.cru.uea.ac.uk/cru/data/availability/+http://www.cru.uea.ac.uk/cru/data/availability/&hl=en&gl=us&strip=1> (cached version from october 21, 2009)

appendix c contains web text from a page which is live, so nothing special to do there.

Also, i just found a cached version for appendix d, which is attached.

the url is:

<http://74.125.93.132/search?q=cache:shJLWuK7EkcJ:https://www.cru.uea.ac.uk/cru/people/briffa/yamal2000/+%22The+substantive+implication+of+McIntyre%27s+comment%22&hl=en&gl=us&strip=1> (cached version from nov 5, 2009)



Yamal ring-width chronology of Briffa (2000).htm

----- Forwarded by Jason Samenow/DC/USEPA/US on 12/06/2009 05:46 PM -----

From: Jason Samenow/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 12/06/2009 05:24 PM
Subject: requests for ERG on vol 2

Instructions for ERG on Volume 2:

- 1) Address all margin comment bubbles directed to "ERG" in both the RTC and reference attachment and adjust references based on margin bubbles as necessary
- 2) Add the 2 comments and responses below to the Extreme Event section of this volume (at the end is fine), and renumber comments/responses beneath that. (note: the references cited in these RTCs are already in the TSD).
- 3) Making any necessary formatting adjustments to the Appendices. Note that several of these are web pages I copied and pasted into the document and originate from cached versions of web pages that are no longer live (they are attached). I don't think it's necessary to spend a lot of time making these look pretty, but we probably want them to look like the web pages they originated from for authenticity, right?
- 4) Merge references (in separate document) with main volume

Thanks so much...
Jason

Comment:

(b)(5) deliberative

Response:

(b)(5) deliberative

(b)(5) deliberative

Comment:

(b)(5) deliberative

Response:

(b)(5) deliberative



hadcru-temperature.htm



hadcru-availability.htm

(b)(5) deliberative

vol 2 120709.doc

(b)(5) deliberative

references vol 2 120709.doc

This is Google's cache of <https://www.cru.uea.ac.uk/cru/people/briffa/yamal2000/>. It is a snapshot of the page as it appeared on Nov 5, 2009 23:13:40 GMT. The [current page](#) could have changed in the meantime. [Learn more](#)

These search terms are highlighted: **the substantive implication of mcintyre's comment**

[Full version](#)

[Climatic Research Unit](#) : [Staff](#) : [Keith Briffa](#)

The Yamal ring-width chronology of Briffa (2000)

My attention has been drawn to a comment by Steve McIntyre on the Climate Audit website relating to the pattern of radial tree growth displayed in the ring-width chronology "Yamal" that I first published in Briffa (2000). **The substantive implication of McIntyre's comment** (made explicitly in subsequent postings by others) is that the recent data that make up this chronology (i.e. the ring-width measurements from living trees) were purposely selected by me from among a larger available data set, specifically because they exhibited recent growth increases.

This is not the case. The Yamal tree-ring chronology (see also Briffa and Osborn 2002, Briffa et al. 2008) was based on the application of a tree-ring processing method applied to the same set of composite sub-fossil and living-tree ring-width measurements provided to me by Rashit Hantemirov and Stepan Shiyatov which forms the basis of a chronology they published (Hantemirov and Shiyatov 2002). In their work they traditionally applied a data processing method (corridor standardisation) that does not preserve evidence of long timescale growth changes. My application of the Regional Curve Standardisation method to these same data was intended to better represent the multi-decadal to centennial growth variations necessary to infer the longer-term variability in average summer temperatures in the Yamal region: to provide a direct comparison with the chronology produced by Hantemirov and Shiyatov.

These authors state that their data (derived mainly from measurements of relic wood dating back over more than 2,000 years) included 17 ring-width series derived from living trees that were between 200-400 years old. These recent data included measurements from at least 3 different locations in the Yamal region. In his piece, McIntyre replaces a number (12) of these original measurement series with more data (34 series) from a single location (not one of the above) within the Yamal region, at which the trees apparently do not show the same overall growth increase registered in our data.

The basis for McIntyre's selection of which of our (i.e. Hantemirov and Shiyatov's) data to exclude and which to use in replacement is not clear but his version of the chronology shows lower relative growth in recent decades than is displayed in my original chronology. He offers no justification for excluding the original data; and in one version of the chronology where he retains them, he appears to give them inappropriate low weights. I note that McIntyre qualifies the presentation of his version(s) of the chronology by reference to a number of valid points that require further investigation. Subsequent postings appear to pay no heed to these caveats. Whether the McIntyre version is any more robust a representation of regional tree growth in Yamal than my original, remains to be established.

My colleagues and I are working to develop methods that are capable of expressing robust evidence of climate changes using tree-ring data. We do not select tree-core samples based on comparison with climate data. Chronologies are constructed independently and are subsequently compared with climate data to measure the association and quantify the reliability of using the tree-ring data as a proxy for temperature variations.

We have not yet had a chance to explore the details of McIntyre's analysis or its implication for temperature reconstruction at Yamal but we have done considerably more analyses exploring chronology production and temperature calibration that have relevance to this issue but they are not yet published. I do not believe that McIntyre's preliminary post provides sufficient evidence to doubt the reality of unusually high summer temperatures in the last decades of the 20th century.

[An expanded comment on the McIntyre posting is now available](#) (27th October 2009).

K.R. Briffa

30 Sept 2009

- Briffa, K. R. 2000. Annual climate variability in the Holocene: interpreting the message of ancient trees. *Quaternary Science Reviews* **19**:87-105.
- Briffa, K. R., and T. J. Osborn. 2002. Paleoclimate - Blowing hot and cold. *Science* **295**:2227-2228.
- Briffa, K. R., V. V. Shishov, T. M. Melvin, E. A. Vaganov, H. Grudd, R. M. Hantemirov, M. Eronen, and M. M. Naurzbaev. 2008. Trends in recent temperature and radial tree growth spanning 2000 years across northwest Eurasia. *Philosophical Transactions of the Royal Society B-Biological Sciences* **363**:2271-2284.
- Hantemirov, R. M., and S. G. Shiyatov. 2002. A continuous multimillennial ring-width chronology in Yamal, northwestern Siberia. *Holocene* **12**:717-726.

EPA-1224

Jason
Samenow/DC/USEPA/US
12/07/2009 12:25 AM

To: Marcus Sarofim
cc
bcc
Subject: Fw: vol 2 for Jason

here you go...

Jason

----- Forwarded by Jason Samenow/DC/USEPA/US on 12/07/2009 12:25 AM -----

From: "Matthew Mitchell" <Matthew.Mitchell@erg.com>
To: William Perkins/DC/USEPA/US@EPA, "Mae Thomas" <Mae.Thomas@erg.com>, "Sue Eisenfeld" <Sue.Eisenfeld@erg.com>
Cc: Jason Samenow/DC/USEPA/US@EPA
Date: 12/07/2009 12:18 AM
Subject: Re: vol 2 for Jason

Hi Jason--

I believe I've addressed the issues you identified. I hope this all looks OK to you!

Matthew N. Mitchell
ERG
110 Hartwell Avenue
Lexington, MA 02421-3136
(p) 781-674-7331
(f) 781-674-2851
>>> <Perkins.William@epamail.epa.gov> 12/06/09 6:23 PM >>>

Matt, Sue, and Mae,

As I emailed about earlier, here is the additional work that we need completed on Volume 2 (enclosed).

Jason's big instructions are at the bottom, then follow-on instructions for creating appendices are above that.

Please note that getting Volumes 1 and 6 back to us is the priority over this, but obviously this is a high priority and we need it back tonight.

Jason Samenow is the POC for this at 202.343.9327.

Finally, your team is doing a really great job on this and this will all be complete in the next few hours.

Thank you.

Cheers,

Bill

Also, Please indicate that these are cached versions of the webpages from the given dates. If they have any questions on how they should

look then please call Jason.

Bill Perkins

Climate Change Adaptation Analyst

Climate Science and Impacts Branch

Climate Change Division

U.S. Environmental Protection Agency

perkins.william@epa.gov

(O) 202.343.9460

(F) 202.343.2202

(C) (b)(6) privacy

----- Forwarded by William Perkins/DC/USEPA/US on 12/06/2009 06:16 PM

From: Jason Samenow/DC/USEPA/US

To: William Perkins/DC/USEPA/US@EPA

Date: 12/06/2009 06:15 PM

Subject: Fw: requests for ERG on vol 2

for appendix a and b: we should add text indicating these are in fact cached versions of the web pages from dates given , and provide these links:

appendix a:

<http://74.125.93.132/search?q=cache:KOxdACr9VBMJ:www.cru.uea.ac.uk/cru/data/temperature/+cru>

+temperature+data&hl=en&gl=us&strip=1

(cached version from november 28, 2009)

appendix b:

<http://74.125.93.132/search?q=cache:mcd09WUmm08J:https://www.cru.uea.ac.uk/cru/data/availability/+http://www.cru.uea.ac.uk/cru/data/availability/&hl=en&gl=us&strip=1>

(cached version from october 21, 2009)

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the url is:

<http://74.125.93.132/search?q=cache:shJLWuK7EkcJ:https://www.cru.uea.ac.uk/cru/people/briffa/yamal2000/+%22The>

+substantive+implication+of+McIntyre%27s+comment%22&hl=en&gl=us&strip=1

(cached version from nov 5, 2009)

(See attached file: Yamal ring-width chronology of Briffa (2000).htm)

----- Forwarded by Jason Samenow/DC/USEPA/US on 12/06/2009 05:46 PM

From: Jason Samenow/DC/USEPA/US

Date: 12/06/2009 05:24 PM

Subject: requests for ERG on vol 2

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Thanks so much...
Jason

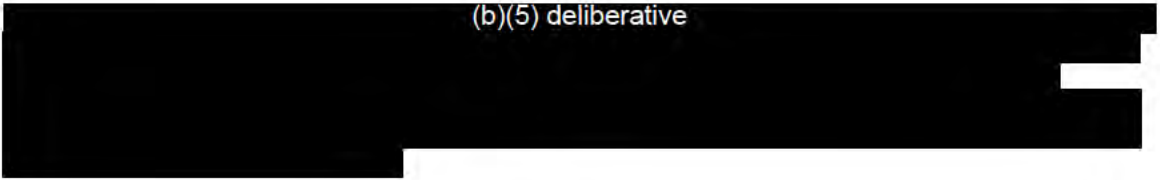
Comment:

(b)(5) deliberative

Response:

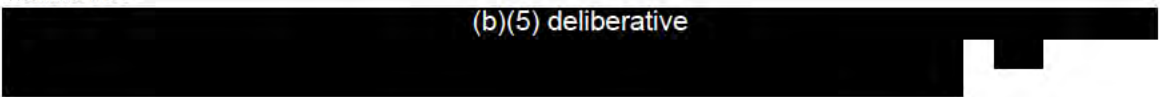
(b)(5) deliberative

(b)(5) deliberative



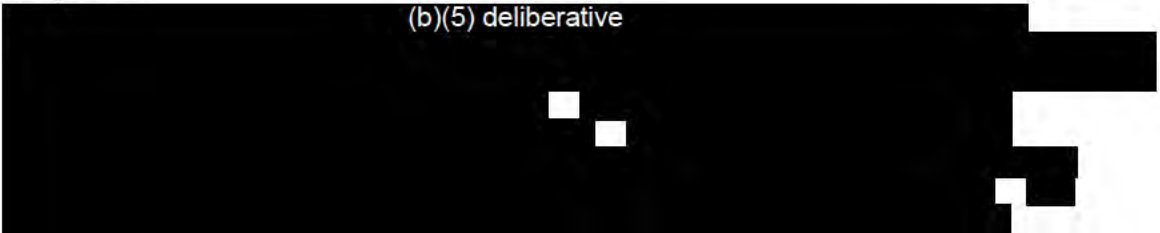
Comment:

(b)(5) deliberative



Response:

(b)(5) deliberative



(See attached file: hadcru-temperature.htm) (See attached file: hadcru-availability.htm) (See attached file: vol 2 120709.doc) (See attached file: references vol 2 120709.doc)

(b)(5) deliberative



ed2-vol 2 120709.doc

EPA-1214

Jason
Samenow/DC/USEPA/US
12/07/2009 01:49 AM

To Lesley Jantarasami
cc
bcc
Subject volume 2

(b)(5) deliberative

vol 2 120809.doc

EPA-889

Lesley
Jantarasami/DC/USEPA/US
12/07/2009 02:10 AM

To Jason Samenow
cc
bcc
Subject Re: volume 2

Done! I also noticed this didn't have the latest foreword in it, so I updated it. Can you check vol 5 to make sure it's the latest? thanks!

(b)(5) deliberative

vol 2 120809 LJ.doc

Jason Samenow [attachment "vol 2 120809.doc" delete... 12/07/2009 01:49:26 AM

From: Jason Samenow/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 12/07/2009 01:49 AM
Subject: volume 2

[attachment "vol 2 120809.doc" deleted by Lesley Jantarasami/DC/USEPA/US]

EPA-1305

Jason
Samenow/DC/USEPA/US
12/07/2009 02:58 AM

To: Marcus Sarofim
cc
bcc
Subject: Fw: volume 2!!! :)

----- Forwarded by Jason Samenow/DC/USEPA/US on 12/07/2009 02:58 AM -----

From: Jason Samenow/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 12/07/2009 02:58 AM
Subject: volume 2!!! :)

(b)(5) deliberative

vol 2 120809.doc

i am fired up. with the completion of this volume, i just saved a pika.

EPA-1210

William
Perkins/DC/USEPA/US
12/07/2009 03:10 AM

To Lesley Jantarasami
cc
bcc
Subject Fw: volume 2!!! :)

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6) privacy

----- Forwarded by William Perkins/DC/USEPA/US on 12/07/2009 03:10 AM -----

From: Jason Samenow/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 12/07/2009 02:58 AM
Subject: volume 2!!! :)

(b)(5) deliberative

vol 2 120809.doc

i am fired up. with the completion of this volume, i just saved a pika.

EPA-729

Lesley
Jantarasami/DC/USEPA/US
12/07/2009 03:14 AM

To William Perkins
cc
bcc
Subject Re: Fw: volume 2!!! :)

yay!

(b)(5) deliberative

vol 2 120809 LCJ.doc

William Perkins Bill Perkins Climate Change Adaptation... 12/07/2009 03:10:21 AM

From: William Perkins/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Date: 12/07/2009 03:10 AM
Subject: Fw: volume 2!!! :)

Bill Perkins
Climate Change Adaptation Analyst
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Climate Change Division
U.S. Environmental Protection Agency
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(O) 202.343.9460
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----- Forwarded by William Perkins/DC/USEPA/US on 12/07/2009 03:10 AM -----

From: Jason Samenow/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Date: 12/07/2009 02:58 AM
Subject: volume 2!!! :)

[attachment "vol 2 120809.doc" deleted by Lesley Jantarasami/DC/USEPA/US]
i am fired up. with the completion of this volume, i just saved a pika.

EPA-1212

William
Perkins/DC/USEPA/US
12/07/2009 03:34 AM

To Lesley Jantarasami, Jason Samenow, Rona Birnbaum
cc
bcc
Subject Fw: RTC Volume 2 for staging

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6) privacy

----- Forwarded by William Perkins/DC/USEPA/US on 12/07/2009 03:34 AM -----

From: William Perkins/DC/USEPA/US
To: CDeLoose@icfi.com, "Stambaugh, Sandi" <SStambaugh@icfi.com>, ktuberson@icfi.com
Cc: Carole Cook/DC/USEPA/US@EPA, Mausami Desai/DC/USEPA/US@EPA, Stacy Kika/DC/USEPA/US@EPA, Erin Birgfeld/DC/USEPA/US@EPA
Date: 12/07/2009 03:34 AM
Subject: RTC Volume 2 for staging

Please PDF and post the following as RTC Volume 2 in the appropriate place on the endangerment staging page with the following filename: "RTC Volume 2.pdf"

Thank you.

Cheers,

Bill

(b)(5) deliberative

RTC Volume 2.doc

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6) privacy

EPA-734

William
Perkins/DC/USEPA/US
Sent by: Bill Perkins

To Mae Thomas

cc

bcc

12/07/2009 04:31 AM

Subject Volumes that we sent to web staging

(b)(5) del berative

(b)(5) deliberative

(b)(5) deliberative

(b)(5) deliberative

(b)(5) deliberative

(b)(5) deliberative

RTC Volume 11.doc

RTC Volume 1.doc

RTC Volume 2.doc

RTC Volume 3.doc

RTC Volume 4.doc

RTC Volume 5.doc

(b)(5) deliberative

(b)(5) del berative

RTC Volume 7.doc

RTC Volume 8.doc

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
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(F) 202.343.2202
(C) (b)(6) privacy

EPA-320

Jason
Samenow/DC/USEPA/US
12/07/2009 10:43 AM

To Carol Holmes
cc
bcc
Subject vol 2, please take a brief look at appendices

and how they've been referred to...

email me with any show stoppers.

the relevant comments referring to the appendices are : 2-38, 2-39, and 2-68

thanks...

Jason

(b)(5) deliberative

RTC Volume 2.doc

EPA-879

David
Chalmers/DC/USEPA/US
12/07/2009 11:05 AM

To Jason Samenow
cc
bcc
Subject vol 2

Looks great. The only change I made was (b)(5) deliberative

(b)(5) deliberative

RTC Volume 2 + DBC.doc

EPA-740

William
Perkins/DC/USEPA/US
Sent by: Bill Perkins

To: Jeremy Martinich

cc

bcc

12/07/2009 11:22 AM

Subject: Fw: Review assignments + other information

sorry
Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
Climate Change Division
U.S. Environmental Protection Agency
perkins.william@epa.gov
(O) 202.343.9460
(F) 202.343.2202
(C) (b)(6) privacy

----- Forwarded by William Perkins/DC/USEPA/US on 12/07/2009 11:21 AM -----

From: William Perkins/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Suzanne Kocchi/DC/USEPA/US@EPA, Erin Birgfeld/DC/USEPA/US@EPA, Stacy Kika/DC/USEPA/US@EPA
Date: 12/07/2009 10:03 AM
Subject: Review assignments + other information

All,

Enclosed are the review assignments, which may be fluid. Lesley is back so she is worked into the schedule (b)(5) deliberative.

Enclosed is the new foreword; just check side by side to make sure that the language matches except for the inserted title.

Below is the new stock language to ensure is in volumes 2-8.

Staging server is located at:

(b)(6) privacy

username: (b)(6) privacy

password: (b)(6) privacy

Word documents of the volumes as they are on staging are enclosed (note that volume 1 has appendices). Again, 1st round reviewers, please make changes (do not track them) then send on to second round reviewer. Thanks and please let me know if you have any questions or suggestions or if/when things change.

Cheers,

Bill

(b)(5) deliberative

CORRECT Revised Foreword CLEAN.doc

(b)(5) del berative

Review Plan + Assignments 120709.doc

STOCK LANGUAGE

Comment:

(b)(5) deliberative

REPLACE WITH NEW Response:

(b)(5) deliberative

(b)(5) deliberative

(b)(5) deliberative

(b)(5) deliberative

(b)(5) deliberative

(b)(5) deliberative

(b)(5) deliberative

RTC Volume 11.doc

RTC Volume 1.doc

RTC Volume 2.doc

RTC Volume 3.doc

RTC Volume 4.doc

RTC Volume 5.doc

(b)(5) deliberative

(b)(5) delibera ive

(b)(5) deliberative

(b)(5) deliberative

RTC Volume 7.doc

RTC Volume 8.doc

RTC Volume 10.doc

Volume 1 - Appendices A, B, C.pdf

Bill Perkins

Climate Change Adaptation Analyst

Climate Science and Impacts Branch

Climate Change Division

U.S. Environmental Protection Agency

perkins.william@epa.gov

(O) 202.343.9460

(F) 202.343.2202

(C) (b)(6) privacy

EPA-748

Suzanne
Kocchi/DC/USEPA/US
12/07/2009 12:20 PM

To William Perkins
cc Jason Samenow, David Chalmers
bcc
Subject Fw: vol 2

it's done. i don't have any edits.

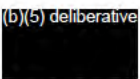
----- Forwarded by Suzanne Kocchi/DC/USEPA/US on 12/07/2009 12:20 PM -----

From: Jason Samenow/DC/USEPA/US
To: Suzanne Kocchi/DC/USEPA/US@EPA
Date: 12/07/2009 11:35 AM
Subject: vol 2

I intercepted this from Dave to make some tweaks. It's ready for your review.

Thanks,

Jason

(b)(5) deliberative


RTC Volume 2 + DBC + JPS.doc

EPA-758

**William
Perkins/DC/USEPA/US**
Sent by: Bill Perkins

12/07/2009 03:20 PM

To CDeLoose, ktuberson, "Stambaugh, Sandi"

cc Carole Cook, Mausami Desai

bcc

Subject 9 of the 11 RTC volumes for immediate staging

Thank you -- the others will be following on very soon. Please send me an email or give me a call as soon as they are up on staging so that our team can start review.

Cheers,

Bill

(b)(5) deliberative [REDACTED]	(b)(5) deliberative [REDACTED]	(b)(5) deliberative [REDACTED]	(b)(5) deliberative [REDACTED]	(b)(5) deliberative [REDACTED]	(b)(5) deliberative [REDACTED]
RTC Volume 11.doc	RTC Volume 2.doc	RTC Volume 3.doc	RTC Volume 4.doc	RTC Volume 5.doc	RTC Volume 6.doc
(b)(5) deliberative [REDACTED]	(b)(5) deliberative [REDACTED]	(b)(5) deliberative [REDACTED]			
RTC Volume 7.doc	RTC Volume 8.doc	RTC Volume 9.doc			

Bill Perkins
Climate Change Adaptation Analyst
Climate Science and Impacts Branch
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perkins.william@epa.gov
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(F) 202.343.2202
(C) (b)(6) privacy

EPA-745

William
Perkins/DC/USEPA/US
Sent by: Bill Perkins

12/07/2009 03:59 PM

To William Perkins

cc Ben DeAngelo, David Chalmers, Jason Samenow, Jeremy
Martinich, Lesley Jantarasami, Marcus Sarofim, Rona
Birnbaum, Suzanne Kocchi, Erin Birgfeld, Stacy Kika

bcc

Subject All RTC Volumes are ready to review on staging + review
instructions

All,

All 11 volumes are ready on staging:

(b)(6) privacy

username: (b)(6) privacy

password: (b)(6) privacy

Once everyone is absolutely certain that they are comfortable with them, then we'll push to the live site.
At an absolute minimum, I suggest that each Volume lead look very closely at his or her volume(s).

If you have changes, please reply to all with a clean version of the appropriate attached word document
Volume(s) with your initials appended, and others can build on them for an individual volume if needed, to
avoid version control issues.

When you are happy with what is there, please let me know. There is no urgent rush here -- we need to
make sure that we have what we want up here and did not introduce (or miss) any errors in our editing.

Please let me know if you have any questions or suggestions and thank you.

Cheers,

Bill

(b)(5) deliberative	(b)(5) deliberative	(b)(5) deliberative	(b)(5) deliberative	(b)(5) deliberative	(b)(5) deliberative
RTC Volume 11.doc	RTC Volume 1.doc	RTC Volume 2.doc	RTC Volume 3.doc	RTC Volume 4.doc	RTC Volume 5.doc
(b)(5) deliberative	(b)(5) deliberative	(b)(5) deliberative	(b)(5) deliberative	(b)(5) deliberative	
RTC Volume 6.doc	RTC Volume 7.doc	RTC Volume 8.doc	RTC Volume 9.doc	RTC Volume 10.doc	

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(F) 202.343.2202
(C) (b)(6) privacy

William Perkins

All, ICF currently has 10 of the 11 volu...

12/07/2009 03:37:42 PM

From: William Perkins/DC/USEPA/US
To: William Perkins/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Jason
Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley

Date: 12/07/2009 03:37 PM
Subject: Update: RTCs

All,

ICF currently has 10 of the 11 volumes (b)(5) deliberative, (b)(6) privacy and is working to post right now. I'll let you know as soon as they are ready to review on staging.

Cheers,

Bill

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(F) 202.343.2202
(C) (b)(6) privacy

William Perkins	All, The plan is:	12/07/2009 02:47:59 PM
-----------------	-------------------	------------------------

From: William Perkins/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarassami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA
Cc: Suzanne Kocchi/DC/USEPA/US@EPA
Date: 12/07/2009 02:47 PM
Subject: RTCs -- the plan

All,

The plan is:

- Post the RTC volumes (as they are ready from their review rounds, I think I have most of them) onto the STAGING server
- We all look at the documents on the staging server until we are all comfortable with the 11 documents, that they are the latest versions, etc.
- We give the go-code to post online

I am getting ready to send up to ICF over the next 10 minutes or so all the volumes that I received back from review rounds. Once those are posted I will send you a note to look at those as well as a note with what we are still waiting on. Thank you and please let me know if you have any questions.

Cheers,

Bill

Bill Perkins
Climate Change Adaptation Analyst

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(F) 202.343.2202
(C) (b)(6) privacy

EPA-761

William
Perkins/DC/USEPA/US
Sent by: Bill Perkins

To "Mae Thomas"

cc

bcc

12/14/2009 10:51 AM

Subject Re: RTCs

Mae,

Sure; enclosed.

Cheers,

Bill

(b)(5) deliberative (b)(5) deliberative (b)(5) deliberative (b)(5) deliberative (b)(5) deliberative (b)(5) deliberative
RTC Volume 3.doc RTC Volume 4.doc RTC Volume 6.doc RTC Volume 7.doc RTC Volume 8.doc RTC Volume 10.doc
(b)(5) deliberative (b)(5) deliberative (b)(5) deliberative (b)(5) deliberative (b)(5) deliberative
RTC Volume 11.doc RTC Volume 9.doc RTC Volume 1.doc RTC Volume 2.doc RTC Volume 5.doc

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(C) (b)(6) privacy

"Mae Thomas"

Bill, could you please send us the final ...

12/10/2009 09:24:17 AM

From: "Mae Thomas" <Mae.Thomas@erg.com>
To: William Perkins/DC/USEPA/US@EPA
Cc: "Mae Thomas" <Mae.Thomas@erg.com>
Date: 12/10/2009 09:24 AM
Subject: RTCs

Bill, could you please send us the final round of RTC Word documents? We probably have the final ones, but given the number and speed at which I received files on Monday, I just don't trust that I would be pulling up the final document. I would like to have these for our records. Plus, I would feel a lot better if we did one more check of the references cited in the RTCs and the ones sent to the docket. I understand it is probably too late to rectify this, but at least we would know the story we are working with. I don't expect to find a problem. The way we did things would favor an error of duplicates and more things than needed, but I would just like to check. It is easier to turn the Word version into an excel spreadsheet than it is to turn the pdf into Excel.

Thanks
Mae

EPA-396

Carol Holmes/DC/USEPA/US

12/15/2009 08:44 AM

To Dina Kruger, Rona Birnbaum, Ben DeAngelo, John Hannon

cc

bcc

Subject FR notice for final endangerment

Enjoy!



Final Endangerment FRN.pdf

May be found at regulations.gov

Docket ID # EPA-HQ-OAR-2009-0171

Confidential communication for internal deliberations only; Attorney-client, attorney work product and/or enforcement privilege; Do not distribute outside EPA or DOJ

Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

EPA-16

Rona
Birnbaum/DC/USEPA/US
12/18/2009 01:11 PM

To Ben DeAngelo
cc Isabel DeLuca, "Dina Kruger"
bcc
Subject Re: Fw: Issa response

yes! perfect.

Ben DeAngelo Actually think the statement can stay:... 12/18/2009 12:44:05 PM

From: Ben DeAngelo/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Isabel DeLuca/DC/USEPA/US@EPA, "Dina Kruger" <Kruger.Dina@epamail.epa.gov>
Date: 12/18/2009 12:44 PM
Subject: Re: Fw: Issa response

Actually think the statement can stay:

Michael Mann from Penn State has a letter to the editor to today's Post where he says:

The conspiracy theories about the e-mails are fueled in part by their criticisms of the quality of two papers regarding global warming and a suggestion that at least one of the papers be kept out of an Intergovernmental Panel on Climate Change report. As Nature noted in a recent [editorial](#), neither the e-mail writers nor the IPCC suppressed any findings. Both papers were included in the IPCC's report.

However, don't think (b)(5) deliberative

Rona Birnbaum agree with you Ben that statement sho... 12/18/2009 12:13:13 PM

From: Rona Birnbaum/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA
Cc: Isabel DeLuca/DC/USEPA/US@EPA, "Dina Kruger" <Kruger.Dina@epamail.epa.gov>
Date: 12/18/2009 12:13 PM
Subject: Re: Fw: Issa response

agree with you Ben that statement should come out. Otherwise, the letter looks good. I have a weekly with Dina at 2:00 and can check if she has anything more on this and if not, I'll let Nancy know. (I believe Isabel is out.)
Rona

Ben DeAngelo Looked through. Made minor edits for t... 12/18/2009 12:00:12 PM

From: Ben DeAngelo/DC/USEPA/US
To: Isabel DeLuca/DC/USEPA/US@EPA
Cc: "Rona Birnbaum" <Birnbaum.Rona@epamail.epa.gov>, "Dina Kruger" <Kruger.Dina@epamail.epa.gov>
Date: 12/18/2009 12:00 PM

Subject: Re: Fw: Issa response

Looked through. Made minor edits for the sentence including ocean acidification. There is one question in there (from Nancy?) I can't confirm in a short time:

(b)(5) deliberative

(b)(5) deliberative

-Ben

[attachment "Issa.12-2.12-17dft.oap.nkc.BJDdoc.doc" deleted by Rona Birnbaum/DC/USEPA/US]

Isabel DeLuca In case Nancy KC hasn't caught one of... 12/18/2009 10:34:01 AM

From: Isabel DeLuca/DC/USEPA/US
To: "Rona Birnbaum" <Birnbaum.Rona@epamail.epa.gov>, "Ben DeAngelo" <DeAngelo.Ben@epamail.epa.gov>
Cc: "Dina Kruger" <Kruger.Dina@epamail.epa.gov>
Date: 12/18/2009 10:34 AM
Subject: Fw: Issa response

In case Nancy KC hasn't caught one of you yet, here are her edits to the Issa letter. It needs review for accuracy of the science, and Jason's out, so I'm hoping someone is in and can take a look.

I thought it seemed ok, for the most part. In the part where it mentions ocean acidification, perhaps it

(b)(5) deliberative

Nancy Ketcham-Colwill

----- Original Message -----

From: Nancy Ketcham-Colwill
Sent: 12/17/2009 07:40 PM EST
To: Isabel DeLuca; Jason Samenow; embrey.patricia@epa.gov
Cc: Carol Holmes; Diann Frantz
Subject: Issa response

See what you think of this draft. I'm drawing from your draft response, the RTC and some other things I think I've heard. Please let me know where I strayed off the mark or otherwise got something wrong. I also ask a question or two in brackets. Any and all edits are welcome.

[attachment "Issa.12-2.12-17dft.oap.nkc.doc" deleted by Ben DeAngelo/DC/USEPA/US]

EPA-277

Carol Holmes/DC/USEPA/US

12/29/2009 11:52 AM

To Patricia Embrey, John Hannon

cc Richard Ossias, Kevin McLean

bcc

Subject Fw: Petition for Reconsideration of Endangerment Finding
from House members

FYI -- since this is House member, Patricia, do you want to send to David M and Joe G or should I?

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Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
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Washington, DC 20460
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Fax (202) 564-5603

----- Forwarded by Carol Holmes/DC/USEPA/US on 12/29/2009 11:32 AM -----

From: Jason Samenow/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Date: 12/29/2009 11:08 AM
Subject: Fw: Petition for Reconsideration of Endangerment Finding from House members

You probably have this already, but FYI.

----- Forwarded by Jason Samenow/DC/USEPA/US on 12/29/2009 11:08 AM -----

From: ghgendangerment
To: Rona Birnbaum/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA
Cc: David Chalmers/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA
Date: 12/28/2009 11:54 AM
Subject: Fw: Petition for Reconsideration of Endangerment Finding from House members
Sent by: William Perkins

Rona and Jason,

In case you all have not seen this yet, this came into the endangerment email account last Wednesday; it is a petition for reconsideration of the endangerment finding from 9 House members based upon Climategate. I will not take any action on this, please let me know if I should do so. Thank you.

Cheers,

Bill

----- Forwarded by William Perkins/DC/USEPA/US on 12/28/2009 11:50 AM -----

From: "Skip Kazmarek" <skazmarek@kglattorneys.com>
To: ghgendangerment@EPA
Cc: "Shannon Goessling" <shannon@southeasternlegal.org>, "Harry MacDougald" <hmacdougald@cwlaw.org>

Date: 12/23/2009 03:48 PM
Subject: Petition for Reconsideration




Please find enclosed a Petition for Reconsideration filed this date on behalf of United States Representative John Linder (GA-7th District), U.S. Representative Dana Rohrabacher (CA-46th District), U.S. Representative John Shimkus (IL-19th District), U.S. Representative Phil Gingrey (GA-11th District), U.S. Representative Lynn Westmoreland (GA-3rd District), U.S. Representative Tom Price (GA-6th District), U.S. Representative Paul Broun (GA-10th District), U.S. Representative Steve King (IA-5th District), U.S. Representative Nathan Deal (GA-9th District), by and through Southeastern Legal Foundation Inc.

Copies are also being transmitted via overnight delivery this date.

Edward A. Kazmarek

E. A. Skip Kazmarek
KAZMAREK GEIGER & LASETER LLP
One Securities Center
3490 Piedmont Road NE, Suite 201
Atlanta, GA 30305
(404) 812-0840 (direct dial)
(404) 812-0845 (fax)
<http://www.kglattorneys.com/>

This e-mail may contain information that is privileged, confidential or otherwise protected from disclosure. If you have received this e-mail in error, please respond that you have received it in error, and then destroy the e-mail and all copies. Thank you.

 - 20091223 LTR Transmitting Petition for Reconsideration.pdf  - 20091223 Petition for Reconsideration.pdf  - Attachment to Petition - Harry_Read_Me.txt.pdf

May be found at <http://epa.gov/climatechange/endangerment/petitions.html>

EPA-1333

Jason
Samenow/DC/USEPA/US
01/04/2010 04:06 PM

To: Marcus Sarofim
cc
bcc
Subject: Fw: Petition for Reconsideration of Endangerment Finding
from House members

Happy reading...

Jason

----- Forwarded by Jason Samenow/DC/USEPA/US on 01/04/2010 04:06 PM -----

From: Jason Samenow/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Date: 12/29/2009 11:08 AM
Subject: Fw: Petition for Reconsideration of Endangerment Finding from House members

You probably have this already, but FYI.

----- Forwarded by Jason Samenow/DC/USEPA/US on 12/29/2009 11:08 AM -----

From: ghgendangerment
To: Rona Birnbaum/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA
Cc: David Chalmers/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA
Date: 12/28/2009 11:54 AM
Subject: Fw: Petition for Reconsideration of Endangerment Finding from House members
Sent by: William Perkins

Rona and Jason,

In case you all have not seen this yet, this came into the endangerment email account last Wednesday; it is a petition for reconsideration of the endangerment finding from 9 House members based upon Climategate. I will not take any action on this, please let me know if I should do so. Thank you.

Cheers,

Bill

----- Forwarded by William Perkins/DC/USEPA/US on 12/28/2009 11:50 AM -----

From: "Skip Kazmarek" <skazmarek@kglattorneys.com>
To: ghgendangerment@EPA
Cc: "Shannon Goessling" <shannon@southeasternlegal.org>, "Harry MacDougald" <hmacdougald@cwlaw.org>
Date: 12/23/2009 03:48 PM
Subject: Petition for Reconsideration

Please find enclosed a Petition for Reconsideration filed this date on behalf of United States Representative John Linder (GA-7th District), U.S. Representative Dana Rohrabacher (CA-46th District), U.S. Representative John Shimkus (IL-19th District), U.S. Representative Phil Gingrey (GA-11th District), U.S. Representative Lynn Westmoreland (GA-3rd District), U.S. Representative Tom Price (GA-6th District), U.S.




Representative Paul Broun (GA-10th District), U.S. Representative Steve King (IA-5th District), U.S. Representative Nathan Deal (GA-9th District), by and through Southeastern Legal Foundation Inc.

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Edward A. Kazmarek

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 - 20091223 LTR Transmitting Petition for Reconsideration.pdf  - 20091223 Petition for Reconsideration.pdf  - Attachment to Petition - Harry_Read_Me.txt.pdf

May be found at <http://epa.gov/climatechange/endangerment/petitions.html>

EPA-248

Carol Holmes/DC/USEPA/US

01/07/2010 09:29 AM

To: Avi Garbow

cc

bcc

Subject: Re: Fw: Draft EPA response to Congressman Issa

Hi Avi -- I think I found the cites:

The short response to the emails issue generally is in Volume 11 of the RTC, comment response 11-2



May be found at <http://epa.gov/climatechange/endangerment/index.html>

(pp1-3). RTC v 11.pdf

This RTC and the draft letter reference other responses regarding



The validity of the IPCC process, see Volume 1, section 1.1.1 (pp 9-25) RTC v 1.pdf
Discussion regarding CRU temperature data set, see Volume 2, comment response 2-28 and



2-29 (pp 27-30) RTC v 2.pdf

Let me know if Roberto needs more. Thanks, Carol

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U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Avi Garbow

Carol, (b)(5) deliberative, not responsive

01/07/2010 08:49:28 AM

From: Avi Garbow/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Date: 01/07/2010 08:49 AM
Subject: Fw: Draft EPA response to Congressman Issa

Carol,

(b)(5) deliberative, not responsive

[REDACTED]

To:

(b)(5) deliberative, not responsive

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

EPA-1234

David
Chalmers/DC/USEPA/US
02/02/2010 10:53 AM

To Ben DeAngelo, Marcus Sarofim, Lesley Jantarasami, Michael
Kolian, Jason Samenow
cc
bcc
Subject the petition

The petition and the attached data file, as well as the draft briefing that provides a 30,000 foot view of the main issues raised.

A game plan for sorting through all the emails/document from the zip file and how to access them will soon follow.

-David



(b)(5) deliberative

Petition for reconsideration.pdf Attachment to Petition - Harry_Read_Me.txt.pdf endangerment petition briefing 29jan10.ppt

May be found at <http://epa.gov/climatechange/endangerment/petitions.html>

EPA-1295

Marcus
Sarofim/DC/USEPA/US
02/02/2010 02:37 PM

To Ben DeAngelo
cc David Chalmers, Jason Samenow, Jeremy Martinich, Lesley Jantarasami, Michael Kolian, Rona Birnbaum
bcc
Subject Re: the petition

In the main folder*, of about 3500 total non-email files, there are 17 pdfs, 2 jpgs, 16 README files of various types, 83 txt files, 2 excel files, 1 ppt file, 49 word files, and 2 rich text files. (b)(5) deliberative

[REDACTED]

[REDACTED]

I did not open the 150 or so files containing fortran codes, or the 4 movie clips. It is also possible that some of the remaining couple thousand data file-types actually have some text embedded in them (I found at least one example where a "WP" file did have significant text: perhaps it was a word-perfect file?)

However, as my first asterisk notes, I did NOT look in depth at the contents of the zipped files in the main folder... which contain at least another 4000 (probably many more) files... I am attaching a slightly more verbose description of the file list in a word document below.

-Marcus

*The problem here is that there are 48 zip files within the main folder. The largest of those zip files contains 2108 files (45 MB) within it. 92 of these 2108 are yet another layer of zip files, and one of those 92 (mbh98.tar) has yet another 2077 files within it. Of those files, 91 files are zip files, but I think that's where the tree probably ends. (b)(5) deliberative

[REDACTED]

**In some cases such as where there were 22 "registr..." txt files in a row, I opened the first to make sure it was a data file, and then assumed that all the rest were the same format.

(b)(5) del berative

[REDACTED]
FOI2009analysis.doc

Marcus C. Sarofim, PhD
phone: 202-343-9993
fax: 202-343-2202
1310 L Street 256C
AAAS Science & Technology Policy Fellow
with the EPA Climate Division

Ben DeAngelo Thanks Dave. Rona and I just spoke. ... 02/02/2010 02:14:15 PM

From: Ben DeAngelo/DC/USEPA/US
To: David Chalmers/DC/USEPA/US@EPA
Cc: Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona

Date: Birnbaum/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA
02/02/2010 02:14 PM
Subject: Re: the petition

Thanks Dave. Rona and I just spoke. She's going to start drafting the 1/2-pager that Dina was looking for by this afternoon about our approach on this.

Marcus: would you be able to send us an email in say an hour or so that generally describes what you're seeing in that other file in just general terms (number, types of files, general subjects?).

We need to keep this our high priority. Thanks!

David Chalmers Here's the plan: Let's work from the fo... 02/02/2010 11:26:12 AM

From: David Chalmers/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA
Date: 02/02/2010 11:26 AM
Subject: Re: the petition

Here's the plan:

Let's work from the following folder on the G drive: (b)(6) privacy
[REDACTED]

Emails

-The 1070 emails are divvied up amongst five of us: Ben, Jason, Lesley, Mike and I. Each of us has approx. 210 of the 1,070 total emails to read through.

-Copy any emails of note into the folder within the folder listed above named "Further action required" and add them to the spreadsheet titled "Follow-up items".

The other documents

-Marcus kindly offered to take a first look through these. Instead of reading through all the documents, he'll aim to get a handle on the size of the universe and key documents.

-Once we have an idea of how many PDF/Word/Text docs we're talking about, and how long they are, we can divvy them up. I should be able to take on a lot of these, and we can further farm them out to the team as needed.

I think that's it for now. Let me know if this sounds like a good plan to everyone.

Go team.

-David

Lesley Jantarasami A scan of the Congressional letter..... 02/02/2010 10:54:56 AM

From: Lesley Jantarasami/DC/USEPA/US

To: David Chalmers/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA
Date: 02/02/2010 10:54 AM
Subject: Re: the petition

A scan of the Congressional letter...sorry it's upside down, it's the only way I could get it through without a paper jam.

[attachment "Congressional Letter_Emails.pdf" deleted by David Chalmers/DC/USEPA/US]

David Chalmers	The petition and the attached data file,...	02/02/2010 10:53:12 AM
----------------	-------------------------------------------------------------	------------------------

From: David Chalmers/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA
Date: 02/02/2010 10:53 AM
Subject: the petition

The petition and the attached data file, as well as the draft briefing that provides a 30,000 foot view of the main issues raised.

A game plan for sorting through all the emails/document from the zip file and how to access them will soon follow.

-David

[attachment "Petition for reconsideration.pdf" deleted by Lesley Jantarasami/DC/USEPA/US] [attachment "Attachment to Petition - Harry_Read_Me.txt.pdf" deleted by Lesley Jantarasami/DC/USEPA/US]
[attachment "endangerment petition briefing 29jan10.ppt" deleted by Lesley Jantarasami/DC/USEPA/US]

EPA-1261

**Marcus
Sarofim/DC/USEPA/US**
02/03/2010 03:32 PM

To Jason Samenow
cc Ben DeAngelo, David Chalmers, Mike Kolian, Lesley Jantarasami
bcc
Subject Re: Emails in the Climate News Roundup

Also of possible interest, Penn State just released its review of the couple of hundred emails (out of the 1000) related to Prof. Mann:

http://www.research.psu.edu/orp/Findings_Mann_Inquiry.pdf

They found Mann innocent of 3 out of 4 charges, but left one open question, deciding that it needed to be addressed by a panel of faculty members and not administrators,

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
fax: 202-343-2202
1310 L Street 256C
AAAS Science & Technology Policy Fellow
with the EPA Climate Division

Jason Samenow [The Greenwire pieces in the Roundup...](#) 02/03/2010 11:48:32 AM

From: Jason Samenow/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Mike Kolian <kolian.michael@epa.gov>, Marcus Sarofim/DC/USEPA/US@EPA
Date: 02/03/2010 11:48 AM
Subject: Re: Emails in the Climate News Roundup

The Greenwire pieces in the Roundup are just summaries of the full stories from the Guardian--

See: <http://www.guardian.co.uk/environment/2010/feb/01/dispute-weather-fraud>
and
<http://www.guardian.co.uk/environment/2010/feb/02/hacked-climate-emails-flaws-peer-review>

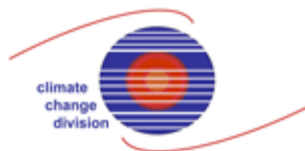
Lesley Jantarasami [Just wanted to call everyone's atte...](#) 02/03/2010 10:15:28 AM

From: Lesley Jantarasami/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Mike Kolian <kolian.michael@epa.gov>, Marcus Sarofim/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA
Date: 02/03/2010 10:15 AM
Subject: Emails in the Climate News Roundup

Just wanted to call everyone's attention to the articles about the CRU emails in today's Climate News Roundup. Keep an eye out for the full text of these.

----- Forwarded by Lesley Jantarasami/DC/USEPA/US on 02/03/2010 10:12 AM -----

From: Stacy Kika/DC/USEPA/US
To: OAR-OAP-CNR1, OAR-OAP-CNR2
Cc: Stacy Kika <Kika.Stacy@epamail.epa.gov>
Date: 02/03/2010 10:03 AM
Subject: Climate News Roundup, February 3, 2010



climate news round-up

a daily update on climate change for EPA staff

Features

Obama Says Senate May Have to Drop Cap-and-Trade, Focus on Energy Measures (BNA)

http://news.bna.com/deln/DELNWB/split_display.adp?fedfid=16264741&vname=denotallissues&fn=16264741&jd=a0c2a9z8g5&split=0

House Ag chairman co-sponsors bid to block EPA regs (EE News)

<http://www.eenews.net/EEDaily/2010/02/03/2/>

Policy

Kerry, Lieberman Claim Budget Shift Good For Climate Plan (Carbon Control)

<http://carboncontrolnews.com/index.php/ccn/show/11144>

Under Republican pressure, EPA raises cost estimates of House climate bill (EE News)

<http://www.eenews.net/climatewire/2010/02/03/5/>

Regional/State/Local

California Sets Up Statewide Network to Monitor Global-Warming Gases (NY Times)

<http://www.nytimes.com/2010/02/03/business/energy-environment/03emit.html>

Opinion/Editorial/Analysis

Beyond Copenhagen: 8 Ways to Revitalize the Climate Talks (Earth to Tech)

<http://earth2tech.com/2010/02/03/beyond-copenhagen-8-ways-to-revitalize-the-climate-talks/>

Science

Opinion/Editorial/Analysis

E-mails reveal bitter row over 'hockey stick' graph (EE News)

<http://www.eenews.net/climatewire/2010/02/03/8/>

E-mails show concerns about East Anglia climate head (EE News)

<http://www.eenews.net/climatewire/2010/02/03/9/>

Can White Roofs Battle Global Warming? (NY Times)

<http://greeninc.blogs.nytimes.com/2010/02/02/can-white-roofs-battle-global-warming/>

ClimateGate: The 6 Most Dubious Claims About The Supposed "Global Warming Hoax" (Huffington Post)

http://www.huffingtonpost.com/2009/12/02/climategate-the-7-biggest_n_371223.html

Emissions, Energy & Technology

Policy

Obama admin launches initiative to boost state programs (EE News)

<http://www.eenews.net/eenewspm/2010/02/02/6/>

Alternative Energy/Efficiency

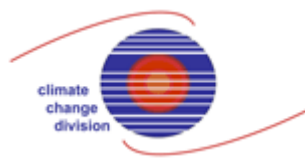
EPA Announces 'Energy Star Leaders' for 2009 (BNA)

http://news.bna.com/deln/DELNWB/split_display.adp?fedfid=16264746&vname=dennotallissues&fn=16264746&jd=a0c2b0b1g9&split=0

Other

Climate change email scandal shames the university and requires resignations (The Guardian)

<http://www.guardian.co.uk/environment/georgemonbiot/2010/feb/02/climate-change-hacked-emails>



climate news round-up is produced for staff of the United States Environmental Protection Agency (U.S. EPA). It includes links to news on climate-change science and policy, energy and technology issues, and press coverage from the U.S. and abroad. Opinions expressed in **climate news round-up** articles do not necessarily reflect the views of U.S. EPA or its staff.

Please direct **climate news round-up** questions, comments, and suggestions to Stacy Kika (kika.stacy@epa.gov).

EPA-237

Carol Holmes/DC/USEPA/US

02/03/2010 05:34 PM

To Nancy Ketcham-Colwill

cc Dina Kruger, Isabel DeLuca

bcc

Subject Re: 2nd Issa endangerment response

PS -- article from E&E today:

4. CLIMATE: Probe largely clears scientist in e-mail controversy (02/03/2010)

Lauren Morello, E&E reporter

An internal inquiry has largely cleared Pennsylvania State University climatologist Michael Mann of scientific misconduct, but the university said yesterday that it will continue to probe whether the researcher undermined public trust in science.

Mann is among the scientists featured in thousands of e-mails hacked from servers of the University of East Anglia's Climatic Research Unit. The e-mails, posted on the Internet in November, have sparked a fight between climate scientists and skeptics who say the data breach suggests ethical lapses in the research community.

But, in findings released yesterday, a panel of three Penn State faculty members cleared Mann of three of four charges for which it found "no substance." The panel found no evidence that Mann falsified data or withheld or destroyed e-mails and other data related to the Intergovernmental Panel on Climate Change's 2007 report.

The last charge stemmed from a May 29, 2008, e-mail from CRU Director Phil Jones that asked Mann to delete some e-mails related to the IPCC report.

The Penn State panel also said it saw no evidence Mann "engaged in ... any misuse of privileged or confidential information available to him in his capacity as a scholar," a charge leveled by climate skeptics who say the CRU e-mails show Mann and other scientists interfering in the scientific publication process.

The university said yesterday that it will further investigate a fourth charge that Mann harmed public faith in science.

"The inquiry committee could not make a definitive finding whether there exists any evidence to substantiate that Dr. Mann did engage in, or participate in, directly or indirectly, any actions that deviated from accepted practices within the academic community for proposing, conducting or reporting research or other scholarly activity," the faculty panel's report reads.

In a statement, the university said the second stage of the investigation will not address the validity of climate change science.

Instead, a panel of five Penn State faculty members will determine whether Mann "violated professional standards in the course of his work," the statement said.

[Click here](#) to read the Penn State faculty panel's report.

Confidential communication for internal deliberations only; Attorney-client, attorney work product and/or enforcement privilege; Do not distribute outside EPA or DOJ

Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Nancy Ketcham-Colwill

I had a chance to mention to Jo...

02/03/2010 05:13:58 PM

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA
Date: 02/03/2010 05:13 PM
Subject: 2nd Issa endangerment response

I had a chance to mention to Joe the idea that (b)(5) deliberative

[REDACTED]

(b)(5) deliberative

[REDACTED]

Just a thought.

EPA-1196

David
Chalmers/DC/USEPA/US
02/04/2010 05:33 PM

To Lesley Jantarasami
cc William Perkins, Marcus Sarofim
bcc
Subject bullet points

Hi Lesley,

Here are two bullet points on my batch of emails:

- (b)(5) deliberative
- (b)(5) deliberative

I can add a few on Harry_Read_Me but I think Bill and Marcus may have already sufficiently addressed it?

Thanks,
David

David Chalmers
ORISE Fellow
U.S. EPA, Climate Change Division
202.343.9814

EPA-1108

Lesley
Jantarasami/DC/USEPA/US
02/04/2010 06:13 PM

To Jantarasami.Lesley
cc
bcc
Subject emails

(b)(5) deliberative

Email Issue Breakdown.doc

EPA-1170

Rona
Birnbaum/DC/USEPA/US
02/05/2010 09:33 AM

To Isabel DeLuca
cc Lesley Jantarasami
bcc
Subject comments on QAs

Isabel:

I went ahead and tried to sketch out a bellet with regard to the newest inquiries..
also cc'ing Lesley so she can keep these on file for future (once finalized).

(b)(5) deliberative

2.11.10 Hearing Q&As.doc

Rona Birnbaum
Chief, Climate Science and Impacts Branch
USEPA, Climate Change Division
birnbaum.rona@epa.gov
202-343-9076

EPA-292

Dina Kruger
(b)(6) privacy
02/05/2010 12:14 PM

To Joseph Goffman, Carol Holmes, Isabel DeLuca, Nancy
Ketcham-Colwill, Dina Kruger, Gina McCarthy, David
McIntosh, Rona Birnbaum
cc
bcc
Subject Latest Issa Letter

Apologies for using gmail -- can't get into EPA mail remotely right now. But here's a redraft of the Issa letter following on my discussion with Joe yesterday. I'm sharing with everyone at one time because of the time pressure, possibility that we might want to discuss this afternoon, and generally to keep it moving.

It is a little tricky to think about how to discuss given the petition we're responding to. I defer to lawyers on how best to handle.

Hope this is helpful. I'm going to be doing a few errands and back by 1:30. can be reached by cell if needed sooner

Dina

(b)(5) deliberative

Issa-2_response_DRAFT_-2_5_10_v1[2].doc

EPA-263

David
McIntosh/DC/USEPA/US
02/05/2010 12:52 PM

To Dina Kruger
cc Carol Holmes, Dina Kruger, Gina McCarthy, Isabel DeLuca,
Joseph Goffman, Nancy Ketcham-Colwill, Rona Birnbaum
bcc
Subject Re: Latest Issa Letter

Thanks Dina. Not sure if I'm included because I'm supposed to weigh in now, but I've attached suggested edits for what they're worth.

(b)(5) deliberative

Issa-2_response_DRAFT_-2_5_10_v1[2] - redline.doc

Dina Kruger	Apologies for using gmail -- can't get int...	02/05/2010 12:14:53 PM
-------------	-----------------------------------------------	------------------------

From: Dina Kruger (b)(6) privacy
To: Joseph Goffman/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, David McIntosh/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/05/2010 12:14 PM
Subject: Latest Issa Letter

Apologies for using gmail -- can't get into EPA mail remotely right now. But here's a redraft of the Issa letter following on my discussion with Joe yesterday. I'm sharing with everyone at one time because of the time pressure, possibility that we might want to discuss this afternoon, and generally to keep it moving.

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Dina

[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2].doc" deleted by David McIntosh/DC/USEPA/US]

EPA-333

Carol Holmes/DC/USEPA/US

02/08/2010 10:00 AM

To Dina Kruger

cc

bcc

Subject Fw: Latest Issa Letter

Hi Dina -- this is a little different from what I drafted, in particular the following paragraph:

(b)(5) deliberative

Thanks!

Confidential communication for internal deliberations only; Attorney-client, attorney work product and/or enforcement privilege; Do not distribute outside EPA or DOJ

Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

----- Forwarded by Carol Holmes/DC/USEPA/US on 02/08/2010 09:57 AM -----

From: David McIntosh/DC/USEPA/US
To: Dina Kruger (b)(6) privacy
Cc: Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/05/2010 12:52 PM
Subject: Re: Latest Issa Letter

Thanks Dina. Not sure if I'm included because I'm supposed to weigh in now, but I've attached suggested edits for what they're worth.

(b)(5) deliberative

Issa-2_response_DRAFT_-2_5_10_v1[2] - redline.doc

Dina Kruger

Apologies for using gmail -- can't get int...

02/05/2010 12:14:53 PM

From: Dina Kruger (b)(6) privacy
To: Joseph Goffman/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, David McIntosh/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/05/2010 12:14 PM
Subject: Latest Issa Letter

Apologies for using gmail -- can't get into EPA mail remotely right now. But here's a redraft of the Issa letter following on my discussion with Joe yesterday. I'm sharing with everyone at one time because of the time pressure, possibility that we might want to discuss this afternoon, and generally to keep it moving.

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Dina

[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2].doc" deleted by David McIntosh/DC/USEPA/US]

EPA-1138

Rona
Birnbaum/DC/USEPA/US

02/10/2010 12:00 AM

To Jeremy Martinich, Jason Samenow, Ben DeAngelo, Lesley
Jantarasami, Michael Kolian, Marcus Sarofim, David
Chalmers

cc

bcc

Subject another petition received

here is a second petition. I haven't read it yet but Carol indicated that it is similar to the first.



PLF reconsideration petition.pdf

May be found at <http://epa.gov/climatechange/endangerment/petitions.html>

EPA-1168

Isabel DeLuca/DC/USEPA/US

02/12/2010 11:09 AM

To Lesley Jantarasami

cc

bcc

Subject Recent Endangerment TPs/Q&As

Hi Lesley,

There have been a flurry of last-minute Q&As requests related to Endangerment, and I haven't been very good at keeping you in the loop (sorry!).

At bottom are some longer Q&As developed for LPJ for a budget hearing the week of the 23rd. Above, are similar Qs, pared down for a science hearing with LPJ that was supposed to happen this week, but was cancelled. (b)(5) deliberative, so I'll send you the final if I see it before you do.

In another e-mail I'll send you some recent congressional correspondence.

thanks,
Isabel

Isabel DeLuca
Climate Change Division
USEPA
202-343-9247 (phone)
202-343-2290 (fax)

----- Forwarded by Isabel DeLuca/DC/USEPA/US on 02/12/2010 11:03 AM -----

From: Rona Birnbaum/DC/USEPA/US
To: David McIntosh/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Patricia Haman/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA
Date: 02/11/2010 11:27 AM
Subject: Qs and As

even though the hearing was cancelled, wanted to make sure you had these two Qs and As in case anything else came up. Another Q and A is being finalized today regarding this weather and climate change.

(b)(5) del berative

Hearing_Q&As.doc

----- Forwarded by Isabel DeLuca/DC/USEPA/US on 02/12/2010 11:03 AM -----

From: Rona Birnbaum/DC/USEPA/US
To: (b)(6) privacy
Cc: Isabel DeLuca/DC/USEPA/US@EPA
Date: 02/11/2010 03:57 PM
Subject: Q and A climate change and the snow

(b)(5) deliberative

(b)(5) deliberative

----- Forwarded by Isabel DeLuca/DC/USEPA/US on 02/12/2010 11:06 AM -----

From: Isabel DeLuca/DC/USEPA/US
To: Becky Higgins/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Ed Callahan/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA
Date: 02/03/2010 06:49 PM
Subject: Additional Q&As for next week's budget hearing

Hi Becky,

Attached are some additional Q&As for the Administrator on recent issues relating to endangerment. These may be a work-in-progress, as OGC and the OAR front office has not reviewed these yet.

(b)(5) deliberative

(b)(5) deliberative

(b)(5) deliberative

Endangerment- climate sci. (3).doc Endangerment-climate sci. (2).doc Endangerment-climate science (1).doc

Thanks,
Isabel

Isabel DeLuca
Climate Change Division
USEPA
202-343-9247 (phone)
202-343-2290 (fax)

EPA-1160

Isabel DeLuca/DC/USEPA/US

02/12/2010 01:32 PM

To Lesley Jantarasami

cc

bcc

Subject Congressional correspondence on Endangerment

Hi Lesley,

In follow-up to my earlier notes, we've received 2 incoming letters from Issa regarding the CRU issue. Both Issa letters are attached below, as well as the response to the first one (the second response isn't finalized yet). Also below, is some correspondence with Inhofe about Alan Carlin, but also the development of the endangerment finding. Sorry if I've already sent you these.



Issa Incoming 12.2.09.pdf



Response to Rep Issa.012210.pdf



AL-10-000-1001 Issa, Barrasso et al 1.14.10.pdf



Inhofe response 10-26-2009.pdf

(b)(5) deliberative

Inhofe-Barrasso-Carlin narrative final.doc



Inhofe incoming 8-4-09.pdf



Inhofe incoming 9-23-09.pdf

thanks,
Isabel

Isabel DeLuca
Climate Change Division
USEPA
202-343-9247 (phone)
202-343-2290 (fax)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 22 2010

OFFICE OF
AIR AND RADIATION

The Honorable Darrell E. Issa
Ranking Member
House Oversight and Government Reform Committee
U.S. House of Representatives
Washington, D.C. 20515

Dear Congressman Issa:

Thank you for your letter of December 2, 2009, co-signed by three of your colleagues, to Administrator Jackson of the U.S. Environmental Protection Agency (EPA) pertaining to the disclosure of emails from the Climatic Research Unit of the University of East Anglia (CRU). I am pleased to respond on her behalf.

As you know, Administrator Jackson recently signed the final Endangerment and Cause or Contribute Findings for Greenhouse Gases under section 202(a) of the Clean Air Act (74 FR 66496, December 15, 2009). Before taking that action, the EPA carefully considered the potential implications of the CRU emails for the scientific record compiled by the Agency over the course of several years and in light of comments received in response to the April 2009 notice of proposed endangerment findings. EPA staff responsible for assembling the scientific record reviewed many of the emails themselves. Based on that review, the Agency weighed the potential implications of the emails and concluded that they do not alter our current understanding of the state of climate change science as reflected in the scientific record for the endangerment determinations. EPA discussed specific CRU-related issues, as well as other technical issues relating to climate change data and analyses, in the response to comments document that accompanied the final endangerment determination, which can be found at <http://www.epa.gov/climatechange/endangerment.html>. The scientific evidence of the cause and effects of climate change include numerous independent datasets and hundreds of papers published in peer-reviewed literature that together make an overwhelming case that human activities are significantly contributing to dangerous climate change. For that reason, we are confident that the science underlying the final findings is sound.

Your letter also asks for any documents EPA may have related to communications or other interactions with the CRU from March 2007 through December 1, 2009. We have conducted a search and have determined that we do not have any documents responsive to your request.

Again, thank you for your letter. If you have any further questions, please contact me or your staff may contact Diann Frantz in EPA's Office of Congressional and Intergovernmental Relations at (202) 564-3668.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Gina McCarthy', with a large, sweeping loop at the end.

Gina McCarthy
Assistant Administrator

EDOLPHUS TOWNS, NEW YORK
CHAIRMAN

DARRELL E. ISSA, CALIFORNIA
RANKING MINORITY MEMBER

ONE HUNDRED ELEVENTH CONGRESS
Congress of the United States
House of Representatives
COMMITTEE ON OVERSIGHT AND GOVERNMENT REFORM
2157 RAYBURN HOUSE OFFICE BUILDING
WASHINGTON, DC 20515-6143

Majority (202) 225-5051
Minority (202) 225-5074

FACSIMILE TRANSMISSION

Date: December 2, 2009

To: The Honorable Lisa Jackson
Administrator
U.S. Environmental Protection Agency

From: Darrell E. Issa, Ranking Member
Oversight & Government Reform Committee

Phone:

Fax: (202) 501-1519

There will be a total of 4 pages, including cover page.

Comments: Attached please find a letter from Darrell Issa,
Ranking Member, Committee on Oversight and Government Reform,
which is simultaneously being mailed by USPS.

*If there are any questions or problems regarding this transmission,
please call the sender at 202-225-5074*

Please Note: The information on this facsimile is confidential and is intended only for the use of the person named above. If this facsimile has come to you in error, please call the sender at the number given above. Any distribution of this facsimile is strictly prohibited.

Congress of the United States
Washington, DC 20515

December 2, 2009

The Honorable Lisa Jackson
Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

Dear Administrator Jackson:

We request that the Environmental Protection Agency (EPA) conduct a thorough and transparent investigation into the questions raised by the disclosure of emails from Climatic Research Unit of the University of East Anglia (CRU). Additionally, EPA should withdraw the Proposed Endangerment Finding, as well as the Light Duty Vehicle Rule, and the Greenhouse Gas Tailoring Rule until the Agency can demonstrate that the science underlying these regulatory decisions has not been compromised.

As you are aware, the scandal involves a number of climate change scientists and institutions that have played prominent roles in the development of the U.N.'s Intergovernmental Panel on Climate Change (IPCC) reports, most recently, the Fourth Assessment. EPA heavily relied on the IPCC's findings and conclusions in its development and justification for the controversial proposed Endangerment Finding.¹ Given the multiple regulatory efforts that hinge on the Endangerment Finding and consequently the integrity of the IPCC reports, it is imperative that EPA act swiftly and with transparency to analyze the numerous questions that have been raised by the disclosure of the emails.

A large volume of email messages and documents, sent by prominent American and British climate researchers, were recently released from the CRU. The content of the emails raises serious questions that demand your attention. The scientists involved are climate science experts whose work is integrated into the fabric of the IPCC and its reports. The CRU wields significant influence in climate change circles and works closely with the U.N.'s IPCC.² According to the British *Telegraph*, "Their importance cannot be overestimated."³ Professor Philip Jones, the CRU's director and the author of

¹ Proposed Endangerment and Cause and Contribute Findings for Greenhouse Gases under Section 202(a) of the Clean Air Act, 74 Fed. Reg. 18886, 18894 (proposed April, 24, 2009) (stating that, "the TSD therefore relies most heavily on the major assessment reports of both the Intergovernmental Panel on Climate Change (IPCC) and the U.S. Climate Change Science Program (CCSP). EPA took this approach rather than conducting a new assessment of the scientific literature. The IPCC and CCSP assessments base their findings on the large body of many individual, peer reviewed studies in the literature, and then the IPCC and CCSP assessments themselves go through a transparent peer-review process.").

² Andrew Revkin, *Hacked E-Mail Is New Fodder for Climate Dispute*, NY TIMES, Nov. 21, 2009; John Lott, *Why You Should Be Hot and Bothered About Climate Gate*, FOXNEWS.COM, Nov. 24, 2009; Declan McCullagh, *Congress May Probe Leaked Global Warming E-Mails*, CBSnews.com, Nov. 24, 2009.

³ Christopher Booker, *Climate Change: This is the Worst Scientific Scandal of our Generation*, THE TELEGRAPH, (Nov. 28, 2009).

The Honorable Lisa Jackson
December 2, 2009
Page 2

some of the most controversial emails, is in charge of the two key sets of data used by the IPCC to draw up its reports.⁴ His global temperature record is the most important of the four sets of temperature data on which the IPCC and governments rely.⁵ Therefore, the questions raised by these emails regarding the ethics and integrity of these scientists go to the very core of the discipline and work relied upon by the EPA.

The *Wall Street Journal* reported that in the emails, "Scientists appear to urge each other to present a 'unified' view on the theory of man-made climate change while discussing the importance of the 'common cause,' to advise each other on how to smooth over data so as to not compromise the favored hypothesis; to discuss ways to keep opposing views out of leading journals; and to give tips on how to 'hide the decline' of temperature in certain inconvenient data."⁶ According to the *New York Times*, the emails provoke three fundamental questions – whether "the correspondence reveals efforts by scientists to shield raw data, preventing it from being examined by independent researchers"; whether the documents "prove that the data underlying climate scientists' conclusions about warming are murkier than the scientists have said"; and whether "the email messages indicate that climate scientists tried to prevent publication of papers written by climate skeptics."⁷

The answers to each of these questions are of great importance. The suggestion that these scientists prevented the dissemination, peer review, and publication of dissenting views is particularly alarming. Since the IPCC only considers peer reviewed publications, any effort to control the peer review process is the equivalent of controlling the content of IPCC reports.

During your tenure, EPA has rapidly advanced several regulatory schemes to reduce domestic emissions of greenhouse gasses (GHGs). The key regulatory decision is the Proposed Endangerment Finding, which finds that Carbon Dioxide and other Greenhouse Gases endanger human health and welfare.⁸ In drafting the Technical Support Document, the scientific basis for the regulatory decision, EPA relied heavily on the findings and conclusions of the IPCC's Fourth Assessment Report ("Fourth Assessment").⁹ Given the multiple regulatory efforts that hinge on the Endangerment Finding, it is imperative that EPA act swiftly and with transparency to answer these questions.

In *Massachusetts v. EPA*, the Supreme Court made clear that the EPA has discretion in the timing of its issuance of any regulations.¹⁰ The D.C. Circuit has also

⁴ *Id.*

⁵ *Id.*

⁶ Editorial, *Global Warming With the Lid Off*, WALL ST. J., Nov. 24, 2009.

⁷ Andrew Revkin, *Hacked Email Data Prompts Calls for Changes in Climate Research*, NY Times (Nov. 28, 2009).

⁸ Robin Bravender, *EPA Sends Endangerment Finding to White House*, E & E NEWS, PM, November 9, 2009, available at <http://www.eenews.net/eenewspm/2009/11/09/archive/1?terms=endangerment>.

⁹ Proposed Endangerment Finding, *supra* note 1.

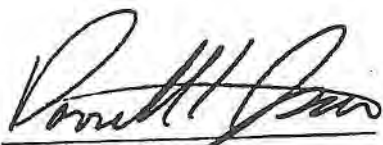
¹⁰ *Massachusetts v. EPA*, 549 U.S. 497, 533 (2007).

The Honorable Lisa Jackson
December 2, 2009
Page 3

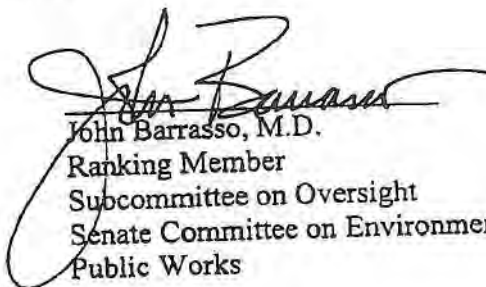
stated that nothing in the Supreme Court's decision "imposes a specific deadline by which EPA must determine whether a particular air pollutant poses a threat to public health or welfare."¹¹ Therefore, EPA should withdraw the Proposed Endangerment Finding, as well as the Light Duty Vehicle Rule, and the Greenhouse Gas Tailoring Rule until the agency can demonstrate the science underlying these regulatory decisions has not been compromised.

In addition to its own investigation, we respectfully request that your agency turn over all documents and records related to the communications or other interactions with Hadley CRU dating from March 2007 through December 1, 2009 to our respective Committees. If you have any questions regarding this request, please contact Kristina Moore, House Oversight and Government Reform Committee at 202-225-5074, Brian Clifford, Subcommittee on Oversight, Senate Environment and Public Works Committee at 202-224-6176, Bryan Zumwalt, Subcommittee on Clean Air and Nuclear Safety, Senate Environment and Public Works Committee at 202-224-4623; or Raj Bharwani with the Select Committee on Energy Independence and Global Warming at 202-225-0110.

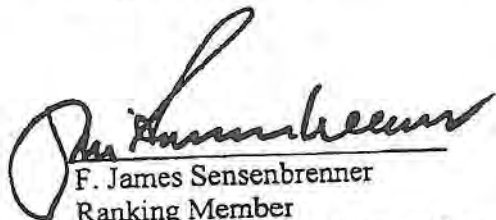
Sincerely,



Darrell E. Issa
Ranking Member
House Oversight and Government
Reform Committee



John Barrasso, M.D.
Ranking Member
Subcommittee on Oversight
Senate Committee on Environment and
Public Works



F. James Sensenbrenner
Ranking Member
House Select Committee on Energy
Independence and Global Warming



David Vitter
Ranking Member
Clean Air and Nuclear Safety
Senate Committee on Environment and
Public Works

Cc: The Honorable Carol Browner
The Honorable John Holdren

¹¹ Massachusetts v. EPA, No. 03-1361, Order, Document No. 0121688432, at 2 (D.C. Circuit June 26, 2008).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OCT 26 2009

THE ADMINISTRATOR

The Honorable James M. Inhofe
Ranking Member
Committee on Environment and Public Works
United States Senate
Washington, D.C. 20510

Dear Senator Inhofe:

Thank you for your letters of August 4 and September 23, 2009.

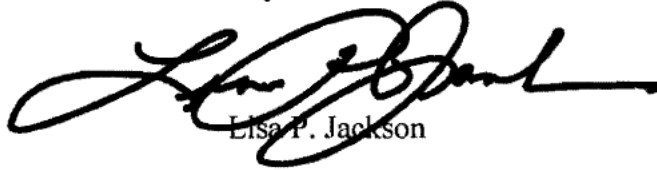
In December 2007, my predecessor as EPA Administrator approved and sent to the White House a draft proposal to find that elevated concentrations of greenhouse gases endanger the American public and that emissions of greenhouse gases from new motor vehicles and new motor-vehicle engines contribute to the endangerment. The Executive Office of the President under the previous Administration did not authorize EPA to publish the proposal. I am proud that President Obama supported my decision to publish an updated version of the December 2007 proposal on April 24, 2009. With that proposal, EPA has begun the rulemaking process that is necessary to comply with the Supreme Court's two-and-a-half-year-old decision in *Massachusetts v. EPA*.

As part of that process, the Agency held two public hearings on the August 24 proposal and accepted written comments for sixty days. Over that period, EPA received more than 400,000 comments. The Agency is reviewing those comments carefully. Any final findings that EPA makes based on the April 24 proposal will, in accordance with section 307(d)(6)(B) of the Clean Air Act, include responses to the significant comments.

You posed several questions in your letter of August 4. Attached, please find EPA's responses to those questions. You also made several document requests. Enclosed, please find documents responsive to your requests. EPA is unable to provide a number of documents that would ordinarily remain internal to the Agency, due to their inclusion of personal privacy information about personnel matters. The Agency is also unable to provide a number of internal documents due to the ongoing deliberative process concerning the proposed endangerment and contribution findings. EPA is willing to revisit and reevaluate those documents upon completion of the deliberative process.

Again, thank you for your letters. If you have further questions, please contact me, or your staff may contact Arvin Ganesan in EPA's Office of Congressional and Intergovernmental Affairs at (202) 564-4741.

Sincerely,

A handwritten signature in black ink, appearing to read "Lisa P. Jackson", with a long horizontal flourish extending to the right.

Lisa P. Jackson

cc: The Honorable Barbara Boxer
Chairman

United States Senate
COMMITTEE ON ENVIRONMENT AND PUBLIC WORKS
WASHINGTON, DC 20510-6175

September 23, 2009

The Honorable Lisa Jackson
Administrator
Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

Dear Administrator Jackson:

Thank you for your interim response to our August 4, 2009 letter concerning openness and transparency in the scientific process at EPA. We are eagerly anticipating your full response. Moreover, we believe strongly that you should not finalize the Agency's *Proposed Endangerment and Cause or Contribute Findings for Greenhouse Gases Under Section 202(a) of the Clean Air Act* (proposed rule) until you provide the public with a thorough response to our letter.

In order for the public to have a complete understanding of the scientific process behind the endangerment finding, we request that you should not finalize the endangerment rule or any further related affirmative findings under Section 202(a) of the Clean Air Act without developing a response to these transparency issues outlined in our August 4th letter. In this instance, there is no legally imposed deadline by which the Agency must finalize the proposed rule. So we believe the Agency has ample time to respond to the transparency issues outlined in our letter and place the response in the record to receive public feedback. Our investigation focuses on the process EPA used to determine the credibility and relevance of scientific data and studies that support its proposed endangerment finding. We appreciate the Technical Support Document (TSD) accompanying the proposed finding, but, in many respects, we do not believe the TSD answers our questions.

For example, our letter asks for—and we believe it's important for the public to know—all communications between experts inside and outside of the agency who helped influence how the Agency arrived at the scientific conclusions found in the TSD. This is important to promote transparency and openness in how the Agency conducts its operations. In addition, we asked whether it is appropriate for the Agency to rely solely or predominantly on documents produced by outside bodies that have not been subject to independent EPA review.

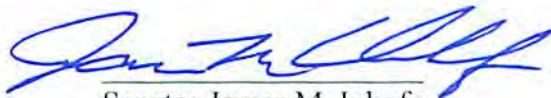
Our request for this information should only increase the transparency and quality of the information before the Agency. For example, because of a recent similar request, the U.S. Department of Treasury released several documents relating to the Administration's cap and trade proposal that previously were not made available for public comment. Therefore, we believe that you can only ensure full public confidence in the endangerment finding process if you address our concerns *before* you finalize the proposal. The public should know before the

rule is finalized whether the Agency followed agency guidelines, procedures, and all relevant federal laws, and whether there was any undue influence from a particular person or group on the finding itself.

In addition, since your interim response on September 15, you announced a joint rulemaking proposal with the Department of Transportation to establish light-duty vehicle greenhouse gas emission standards and to increase corporate average fuel economy standards in order to respond to *Massachusetts v. EPA*. While we appreciate the opportunity to comment on this rule as part of the rulemaking process, we are concerned with some of the key scientific and legal conclusions found in the proposal. For example, these greenhouse gas emission standards utilize a new “social cost of carbon” metric that points back to some of the very questions raised in our investigation. This is because the proposal is contingent in part on the endangerment finding going final. Therefore, it would be inappropriate for the Agency to go final while these transparency issues are unresolved.

We believe the resolution of these issues is critical to the policy proposal going forward. Moreover, allowing the public to further comment only increases the transparency and the quality of the information before the Agency. If you or your staff has any questions, please contact Tom Hassenboehler (224-6176) or Brian Clifford (224-0800).

Sincerely,



Senator James M. Inhofe
Ranking Member
Senate Committee on
Environment and Public Works



Senator John Barrasso
Ranking Member
Subcommittee on Oversight

United States Senate
COMMITTEE ON ENVIRONMENT AND PUBLIC WORKS
WASHINGTON, DC 20510-6175

August 4, 2009

The Honorable Lisa Jackson
Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, DC 20460

Dear Administrator Jackson:

Thank you for your response to our June 30th letter concerning openness and transparency in the scientific process at EPA. Specifically, we were inquiring as to an internal analysis on the current state of climate science by Dr. Alan Carlin, a 38-year EPA employee from the National Center for Environmental Economics.

Dr. Carlin's analysis provided a rigorous overview of important developments in the scientific literature on climate change—developments which emerged since the publication of the Intergovernmental Panel on Climate Change's (IPCC) Fourth Assessment Report in 2007 and a report by the U.S. Climate Change Science Program (CCSP) in 2008. As we learned several weeks ago, Dr. Carlin's account was excluded from the process by which the Agency considered science relevant to its proposed finding of endangerment for greenhouse gases under the Clean Air Act (CAA).

Rather than a thorough, critical analysis of climate change science and its relation to the question of endangerment, EPA has deferred its independent scientific judgment to that of the IPCC and CCSP. We believe that the law requires EPA to further evaluate the conclusions of the IPCC and the CCSP, and to perform an independent, scientific and technical analysis of its own to determine their validity in the context of this rulemaking.

For this reason, to follow on our June 30, 2009 letter, we are requesting additional information so we can understand the process EPA used to assess scientific findings related to the question of endangerment under the CAA. From our limited vantage point, EPA's process of determining endangerment appears to be marred by bias and, to some extent, political manipulation. We hope that the evidence proves otherwise.

To help us in this effort, please answer the following questions by August 21, 2009:

1. Please provide all EPA produced documents that address scientific information supporting or not supporting the key conclusions in the Technical Support Document (TSD) and endangerment findings. This should include discussions between EPA officials and experts in and out of the agency, reviews of any adverse comments or

objections to the conclusions in the TSD and proposed endangerment finding as filed in response to the ANPRM, and EPA's literature surveys of scientists and organizations questioning or making conclusions contrary to the TSD.

2. Did the Agency follow the internal EPA peer review process for making scientific judgments about climate change science? If so, please provide information regarding the officials involved in the peer review process, and how the peer review process contributed to and provided support for the proposed endangerment finding.
3. Please provide any EPA developed documents which analyze the appropriateness of studies that rely solely on global climate models that do not meet EPA modeling guidelines (this includes any critiques of such models).
4. Please provide any EPA developed documents that address the impartiality of the IPCC and CCSP reports, and the appropriateness of using the IPCC and CCSP as the basis for EPA's conclusions about endangerment.
5. Do you believe that it is proper for EPA to rely solely or predominantly on documents produced by outside bodies that have not undergone an independent EPA review? Do you believe that such EPA review should include an evaluation of critiques of such non-EPA reports and an opportunity for the public to review the basis for EPA's acceptance or rejection of any scientific conclusions?
6. Please provide any EPA produced critical evaluations of the scientific literature on climate change and its effects.
7. You mentioned in your response to our June 30, 2009 letter that EPA will draw upon "scientific syntheses" to make judgments about climate change science. What "syntheses" are you referring to? Also, please explain how you formulated these "syntheses." With respect to the IPCC, did you rely on the IPCC's Summary for Policymakers in making an endangerment finding, and if so, please explain the process at the Agency for independently evaluating the science of the Summary for Policymakers? In your response, please produce any EPA documentation that the EPA has conducted such a vetting process?
8. The National Center for Environmental Economics (NCEE) serves an integral role as a source of technical expertise to the Agency in the rulemaking process. Given this role, can you please further explain how the consideration of this report prior to its public disclosure and your subsequent circulation within the Agency relates to your April 23rd and May 9th memos on transparency and scientific integrity? Specifically, can you please document the agency's internal process for assessing and summarizing the information in this report or other information related to this report from the NCEE?


9. Please provide any other documents related to the production of Dr. Carlin's report or any other analysis done by the National Center for Environmental Economics that address climate science.

Please ensure your office of General Counsel reviews this request and makes appropriate recommendations for retention and production of documents. For questions please contact Tom Hassenboehler or George Sugiyama at 202-224-6176.

Sincerely,



Senator James M. Inhofe
Ranking Member
Senate Committee on
Environment and Public Works



Senator John Barrasso
Ranking Member
Environment and Public Works
Subcommittee on Oversight

Congress of the United States
Washington, DC 20515

January 14, 2010

The Honorable Lisa Jackson
Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

Dear Administrator Jackson:

We are disappointed by the Environmental Protection Agency's (EPA) failure to respond to the concerns expressed in our December 2, 2009 letter.¹ We are also concerned that EPA is in violation of the Data Quality Act (DQA), which was enacted to ensure the integrity of information relied upon by federal agencies, as well as its own Peer Review Guidelines.

In our December letter, we petitioned EPA to conduct a "thorough and transparent investigation into the questions raised by the disclosure of emails from the Climatic Research Unit of East Anglia (CRU)." The letter also urged you to withdraw the Endangerment Finding, as well as other proposed greenhouse gas (GHG) regulations that rely on the Intergovernmental Panel on Climate Change (IPCC) for scientific justification until such a review is complete.

While you have failed to directly respond to, or even acknowledge our letter, EPA finalized the Endangerment Finding on December 7, 2009, setting in motion a regulatory dragnet that according to a senior White House official, will "regulate in a command-and-control way, which will probably generate even more uncertainty [in the economy]." ² During the press conference announcing the decision, you stated that EPA did not delay its finding to conduct an investigation because "nothing in the emails undermines the science upon which the findings are based." ³ These public statements and actions do not represent an adequate response to our concerns.

¹ Letter from the Honorable Darrell Issa, et. al to The Honorable Lisa Jackson, Administrator, U.S. EPA (Dec. 2, 2009), available at <http://republicans.oversight.house.gov/images/stories/Letters/20091202deibarrassovittersensenbrennertojacksonepa.pdf>.

² Major Garrett, *Administration Warns of 'Command-and-Control' Regulation Over Emissions*, FOX NEWS, Dec. 9, 2009, available at <http://www.foxnews.com/politics/2009/12/09/administration-warns-command-control-regulation-emissions/>.

³ Robin Bravender, *EPA to Publish Endangerment Finding Tomorrow*, Greenwire (Dec. 14, 2009) available at <http://www.eenews.net/Greenwire/2009/12/14/8/>.

Moreover, EPA has an affirmative obligation to ensure the research it is relying on satisfies the rigorous standards of the DQA and the agency's own Peer Review Guidelines. However, the corruption associated with the IPCC process appears to be inconsistent with both. Accordingly, EPA's dismissal of evidence that indicates the peer review process the IPCC relied on was corrupted and manipulated by influential scientists is alarming.

EPA's own peer review handbook states:

*"The quality of science that underlies our regulations is vital to the credibility of EPA's decisions and ultimately the Agency's effectiveness in protecting human health and the environment. One important way to ensure decisions are based on defensible science is to have an open and transparent peer review process."*⁴

Yet according to the *Associated Press*, "The e-mails show that several mainstream scientists repeatedly suggested keeping their research materials away from opponents who sought it under American and British public records law."⁵ Refusal to provide raw data and other research materials is clearly not transparent and raises serious questions about the integrity of the research. Moreover, such behavior would not be permissible had the research been conducted in-house by EPA scientists, who would have been legally obligated to provide reviewers with "access to key studies, data and models, to perform their role as peer reviewers."⁶ Common sense would dictate that EPA should not rely on IPCC work if the process used to develop its reports would violate EPA's own research standards.

The "Climategate" emails raise legitimate questions over whether the IPCC 4th Assessment Report, and other synthesis documents that rely on the work of the implicated scientists, satisfy the requirements of the DQA. As you are aware, this law requires federal agencies to rely on objective information – meaning information that is accurate, reliable, and unbiased.⁷ Normally, peer review creates the presumption of objectivity. However, this presumption appears to be overcome in this instance by an overwhelming showing that data collected and research conducted by IPCC scientists and reviewers, such as Michael Mann and Phil Jones, was not unbiased, accurate, or reliable. Therefore, the science is neither objective nor compliant with the Data Quality Act.

⁴ EPA's Peer Review handbook http://www.epa.gov/peerreview/pdfs/peer_review_handbook_2006.pdf

⁵ Seth Borenstein et. al, *Science Not Faked, But Not Pretty*, AP, (Dec. 12, 2009).

http://news.yahoo.com/s/ap/20091212/ap_on_sc/climate_e_mails

⁶ OFFICE OF MGMT. & BUDGET, EXECUTIVE OFFICE OF THE PRESIDENT, OMB BULL., FINAL INFORMATION QUALITY BULLETIN FOR PEER REVIEW (2005).

⁷ OFFICE OF MGMT. & BUDGET, EXECUTIVE OFFICE OF THE PRESIDENT, OMB GUIDELINES FOR ENSURING AND MAXIMIZING THE QUALITY, OBJECTIVITY, UTILITY, AND INTEGRITY OF INFORMATION DISSEMINATED BY FEDERAL AGENCIES (2002).

Despite EPA's defiant declaration that "nothing in the emails undermines the science upon which the findings are based," it does not appear that EPA has actually conducted a review of the emails that could support such a broad based conclusion. In fact, EPA's specious assertion is directly contradicted by other governmental organizations and public institutions. The United Nations, Hadley CRU, the Met office, and Penn State have all announced plans to investigate the emails, as well as the scientists involved.

Given the severity of the allegations of fraud and corruption within the most prestigious circles of climate change scientists, we are writing today to demand a response to our previous letter no later than February 1, 2010. A reply that includes an unsupported reaffirmation of the IPCC and the work conducted by "Climategate" scientists is unacceptable. We also reiterate our request for the agency to turn over all documents and records related to the communications or other interactions with Hadley CRU dating from March 2007 through December 1, 2009 to our respective Committees no later than February 15, 2010.

In addition, we request a written response to the following questions no later than February 15, 2009:

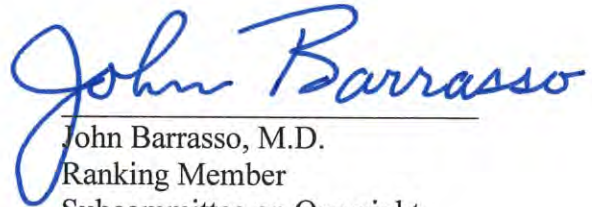
1. EPA has asserted that "nothing in the emails undermines the science upon which the finding was based." Has EPA conducted a thorough review of the Hadley CRU emails and documents? If so, who conducted the review? When was the review completed? Please discuss all of EPA's findings and conclusions based on this review.
2. If EPA has not conducted a review of the "Climategate" documents how can you state with certainty that "nothing in the emails undermines the science upon which the finding was based?"
3. You have publically stated that "no new issues have been raised by the emails that were not already covered and discussed in response to comments." Please identify the precise instances in the Endangerment Finding that responds to accusations of data manipulation at the Hadley CRU. Please also identify any instance where EPA discussed and accounted for accusations of corruption and manipulation of the peer review process has already been considered by EPA. Please note: A general reference to the Endangerment Finding or the Technical Support Document is not an adequate response.
4. Please identify any research grants that EPA has awarded in the past 20 years to the Hadley CRU, to Phil Jones, or to Michael Mann. Your response should include the date the award was made, the amount of the award, and the project funded by the award. Your response should include any funding that materially benefited either the Hadley Center, Phil Jones, or Michael Mann.

If you have any questions regarding this request, please contact Kristina Moore, House Oversight and Government Reform Committee at 202-225-5074, Brian Clifford, Subcommittee on Oversight, Senate Environment and Public Works Committee at 202-224-6176, Bryan Zumwalt, Subcommittee on Clean Air and Nuclear Safety, Senate Environment and Public Works Committee at 202-224-4623; or Raj Bharwani with the Select Committee on Energy Independence and Global Warming at 202-225-0110.

Sincerely,



Darrell E. Issa
Ranking Member
House Oversight and Government
Reform Committee



John Barrasso, M.D.
Ranking Member
Subcommittee on Oversight
Senate Committee on Environment
and Public Works



F. James Sensenbrenner, Jr.
Ranking Member
House Select Committee on Energy
Independence and Global Warming



David Vitter
Ranking Member
Clean Air and Nuclear Safety
Senate Committee on Environment
and Public Works

cc: Carol Browner
John Holdren

EPA-1124

Michael Kolian/DC/USEPA/US

02/12/2010 05:37 PM

To Lesley Jantarasami

cc

bcc

Subject issues and categories from emails

I know this isn't bullets but..... this is what I have so far. Also, attached is a spreadsheet of emails I reviewed (I'm weird). It is set on relevant and red indicates of particular note.

The other category not related to the individual emails is the Harry_read_me file and other attachments.

Cheers,

Mike

(b)(5) deliberative

(b)(5) del berative

categories_issues.doc petition emails.xls

EPA-1155

**Jeremy
Martinich/DC/USEPA/US**
02/12/2010 05:52 PM

To Rona Birnbaum, Ben DeAngelo, Jason Samenow, Lesley
Jantarasami, David Chalmers, Marcus Sarofim, Michael
Kolian

cc

bcc

Subject Next Steps on Responding to Petitions

Here are some next steps as we gear up for responding to these petitions:

- 1) Review the key issues list Lesley sent around and send her any comments [everyone].
- 2) Review new petitions that have come in (total of 4 now) to identify new items/issues. I'm reattaching the latest ones here [everyone]:



PLF reconsideration petition.pdf



- Petition for Reconsideration.pdf



- 3) [REDACTED] (b)(5) deliberative [Jeremy]
- 4) Develop draft presentation for Gina briefing on Friday (2/19) [Rona]
- 5) We'll meet on Tuesday (2/16) to discuss Lesley's list and the emails [everyone]
- 6) Develop outline of response to petitions [Jeremy]

See you on Tuesday,
Jeremy

May be found at <http://epa.gov/climatechange/endangerment/petitions.html>

Jeremy Martinich
USEPA, Climate Change Division
202-343-9871

EPA-1172

Marcus
Sarofim/DC/USEPA/US
02/12/2010 06:48 PM

To Lesley Jantarasami
cc
bcc
Subject Re: list of issues in emails

I don't know if we're addressing non-email issues raised by the petitions yet, but I've added some of those to your document just in case:

(b)(5) deliberative

Email Issue Breakdown 021210-mcs.doc

Marcus C. Sarofim, PhD
phone: 202-343-9993
fax: 202-343-2202
1310 L Street 256C
AAAS Science & Technology Policy Fellow
with the EPA Climate Division

Lesley Jantarasami Hello everyone, I've compiled a list... 02/12/2010 05:30:35 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA
Date: 02/12/2010 05:30 PM
Subject: list of issues in emails

Hello everyone,

I've compiled a list of all the issues that you identified thus far in the CRU emails. Please let me know if I am missing anything major from this list (especially Ben and Mike), or if you'd like to add any additional/clarifying details. If possible, please send your edits by Tues at 2pm, so that I can bring an updated list to our meeting at 3pm.

[attachment "Email Issue Breakdown 021210.doc" deleted by Marcus Sarofim/DC/USEPA/US]

Thanks!

Lesley

Lesley Jantarasami
US EPA, Climate Change Division
Climate Science & Impacts Branch
202.343.9929
202.343.2202 (fax)
Jantarasami.Lesley@epa.gov

EPA-1156

Michael Kolian/DC/USEPA/US

02/16/2010 10:42 AM

To Jeremy Martinich

cc Ben DeAngelo, David Chalmers, Jason Samenow, Lesley Jantarasami, Marcus Sarofim, Rona Birnbaum

bcc

Subject Re: Next Steps on Responding to Petitions



surface_temp_daleo_watts_2010.pdf

May be found at http://scienceandpublicpolicy.org/images/stories/papers/originals/surface_temp.pdf

FYI: Referenced in NIPCC/SEPP/CEI petition. Page 4 is Summary for Policy Makers.

Jeremy Martinich

Here are some next steps as we gear...

02/12/2010 05:52:09 PM

From: Jeremy Martinich/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA
Date: 02/12/2010 05:52 PM
Subject: Next Steps on Responding to Petitions

Here are some next steps as we gear up for responding to these petitions:

- 1) Review the key issues list Lesley sent around and send her any comments [everyone].
- 2) Review new petitions that have come in (total of 4 now) to identify new items/issues. I'm reattaching the latest ones here [everyone]:
[attachment "PLF reconsideration petition.pdf" deleted by Michael Kolian/DC/USEPA/US] [attachment "Petition for Reconsideration.pdf" deleted by Michael Kolian/DC/USEPA/US] [attachment "CEI Petition for Reconsideration.pdf" deleted by Michael Kolian/DC/USEPA/US]
- 3) (b)(5) deliberative [Jeremy]
- 4) Develop draft presentation for Gina briefing on Friday (2/19) [Rona]
- 5) We'll meet on Tuesday (2/16) to discuss Lesley's list and the emails [everyone]
- 6) Develop outline of response to petitions [Jeremy]

See you on Tuesday,
Jeremy

Jeremy Martinich
USEPA, Climate Change Division
202-343-9871

EPA-1098

Isabel DeLuca/DC/USEPA/US

02/16/2010 10:48 AM

To Lesley Jantarasami

cc

bcc

Subject Fw: Qs and As

Hi Lesley,

Did I send this to you last week? If not, here are shorter version Q&As that I think we should be working from for the Feb 23rd Approp hearing set, due Friday (info on that in the email I just sent you).

thanks,
Isabel

Isabel DeLuca
Climate Change Division
USEPA
202-343-9247 (phone)
202-343-2290 (fax)

----- Forwarded by Isabel DeLuca/DC/USEPA/US on 02/16/2010 10:48 AM -----

From: Rona Birnbaum/DC/USEPA/US
To: (b)(6) privacy
Cc: Isabel DeLuca/DC/USEPA/US@EPA
Date: 02/11/2010 03:57 PM
Subject: Q and A climate change and the snow

(b)(5) deliberative

[REDACTED]

----- Forwarded by Isabel DeLuca/DC/USEPA/US on 02/16/2010 10:46 AM -----

From: Rona Birnbaum/DC/USEPA/US
To: David McIntosh/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Patricia Haman/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA
Date: 02/11/2010 11:27 AM
Subject: Qs and As

even though the hearing was cancelled, wanted to make sure you had these two Qs and As in case anything else came up. Another Q and A is being finalized today regarding this weather and climate

change.

(b)(5) deliberative

Hearing_Q&As.doc

EPA-1148

Isabel DeLuca/DC/USEPA/US
02/16/2010 11:44 AM

To Rona Birnbaum, Lesley Jantarasami
cc
bcc
Subject Q&As for 2/23 budget hearing

Hi Rona,

David M. has asked that we finalize the Q&As for the budget hearing by Friday, and I've promised Carol something to review before then. David wants something very short--I think 7 pages total for all Q&As. I think we're in good shape--attached are the Q&As I have so far.

(b)(5) del berative

Budget Hearing Endangerment_Q&As 2.16.10.doc

Questions for you:

- 1) Are these final versions/ok to forward to Carol for review? I can run these by Dina before sending up.
- 2) Are there any additional Q&As we should add? I think these are probably ok, given the lack of space, I wanted to see what you thought. We can also check with Dina and Nancy, who has been tagged with leading this.

Finally, David was hoping (b)(5) deliberative

, but we may need to weigh-in. This should come up in the Mgt. meeting today. I might not be able to attend, due to the concurrent FOIA meeting, but Reid sat in on the 9:45 call and can explain.

thanks,
Isabel

Isabel DeLuca
Climate Change Division
USEPA
202-343-9247 (phone)
202-343-2290 (fax)

EPA-1197

Michael Kolian/DC/USEPA/US

02/16/2010 12:12 PM

To Lesley Jantarasami

cc

bcc

Subject Re: list of issues in emails

(b)(5) deliberative

Email Issue Breakdown 021610.doc

Lesley Jantarasami

Hello everyone, I've compiled a list...

02/12/2010 05:30:35 PM

From: Lesley Jantarasami/DC/USEPA/US

To: Rona Birnbaum/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA

Date: 02/12/2010 05:30 PM

Subject: list of issues in emails

Hello everyone,

I've compiled a list of all the issues that you identified thus far in the CRU emails. Please let me know if I am missing anything major from this list (especially Ben and Mike), or if you'd like to add any additional/clarifying details. If possible, please send your edits by Tues at 2pm, so that I can bring an updated list to our meeting at 3pm.

[attachment "Email Issue Breakdown 021210.doc" deleted by Michael Kolian/DC/USEPA/US]

Thanks!

Lesley

Lesley Jantarasami
US EPA, Climate Change Division
Climate Science & Impacts Branch
202.343.9929
202.343.2202 (fax)
Jantarasami.Lesley@epa.gov

EPA-351

Carol Holmes/DC/USEPA/US

02/16/2010 01:28 PM

To Rona Birnbaum, Ben DeAngelo

cc John Hannon, JLipshul

bcc

Subject Fw: February 16 -- Greenwire is ready



See 4th article. TX sued us and filed petition for reconsideration. TX Petition for Recon.pdf

(b)(5) deliberative, (b)(5) ACP . Got their petition for reconsideration last week.


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Office of General Counsel
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

May be found at <http://epa.gov/climatechange/endangerment/petitions.html>

----- Forwarded by Carol Holmes/DC/USEPA/US on 02/16/2010 01:27 PM -----


From: "E&E Publishing, LLC" <ealerts@eenews.net>
To: Carol Holmes/DC/USEPA/US@EPA
Date: 02/16/2010 01:11 PM
Subject: February 16 -- Greenwire is ready



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Track Work: America's Road to High-Speed Rail -- An E&E Special Report



E&E looks at the business, politics and policy behind President Obama's push for a national high-speed rail network. [Click here](#) to go to the report.

Greenwire -- Tue., February 16, 2010 -- [Read the full edition](#)

- 1. LOBBYING: Conoco, BP, Caterpillar leave climate coalition**
ConocoPhillips, Caterpillar Inc. and BP America have left the U.S. Climate Action Partnership, a coalition of more than two-dozen companies and environmental groups lobbying Congress to pass greenhouse gas emissions cap-and-trade legislation. BP America, a unit of London-based BP PLC, notified fellow U.S. CAP members of its decision by letter today. Houston-based ConocoPhillips broke the news in a press release.

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- 4. CLIMATE:** Texas, skeptics seek court review of 'endangerment' finding

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- 5. CLIMATE:** New ads target Sen. Lincoln for backing curbs on EPA regulations
- 6. CAMPAIGN 2010:** Boxer maintains lead in Calif. poll

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12. **WATER:** State regulators doing 'good job' overseeing hydrofracking -- EPA

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15. **WILDLIFE:** Elusive lynx thwart Forest Service research
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E&ETV's OnPoint

17. **CLIMATE:** E&E's Schang discusses challenges to implementing cap-and-trade plan

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202-737-5299. www.eenews.net

EPA-1338

**Rona
Birnbaum/DC/USEPA/US**

02/16/2010 01:50 PM

To David Chalmers

cc Ben DeAngelo, Jason Samenow, Jeremy Martinich, Lesley
Jantarasami, Marcus Sarofim, Michael Kolian

bcc

Subject another petition

another one



TX Petition for Recon.pdf

May be found at <http://epa.gov/climatechange/endangerment/petitions.html>

David Chalmers The five petitions received to date and... 02/16/2010 11:13:47 AM

From: David Chalmers/DC/USEPA/US
To: Jason Samenow/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/16/2010 11:13 AM
Subject: Re: Next Steps on Responding to Petitions

The five petitions received to date and several related files are here:

(b)(6) privacy

A folder for lawsuit files is here: (b)(6) privacy

-David

Jason Samenow Jeremy-- Any chance you can make a... 02/16/2010 10:58:50 AM

From: Jason Samenow/DC/USEPA/US
To: Jeremy Martinich/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/16/2010 10:58 AM
Subject: Re: Next Steps on Responding to Petitions

Jeremy-- Any chance you can make a sub folder on the G: drive (in the petitions folder) which has all of the petitions and supporting materials (i.e. the PDF just sent around by Mike) in one place? Might also make sense to have a folder with lawsuit files. Thanks...

Jason

Jeremy Martinich Here are some next steps as we gear... 02/12/2010 05:52:07 PM

From: Jeremy Martinich/DC/USEPA/US

To: Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA, David Chalmers/DC/USEPA/US@EPA, Marcus Sarofim/DC/USEPA/US@EPA, Michael Kolian/DC/USEPA/US@EPA
Date: 02/12/2010 05:52 PM
Subject: Next Steps on Responding to Petitions

Here are some next steps as we gear up for responding to these petitions:

- 1) Review the key issues list Lesley sent around and send her any comments [everyone].
- 2) Review new petitions that have come in (total of 4 now) to identify new items/issues. I'm reattaching the latest ones here [everyone]:
[attachment "PLF reconsideration petition.pdf" deleted by Jason Samenow/DC/USEPA/US] [attachment "Petition for Reconsideration.pdf" deleted by Jason Samenow/DC/USEPA/US] [attachment "CEI Petition for Reconsideration.pdf" deleted by Jason Samenow/DC/USEPA/US]
- 3) [REDACTED] (b)(5) deliberative [Jeremy]
- 4) Develop draft presentation for Gina briefing on Friday (2/19) [Rona]
- 5) We'll meet on Tuesday (2/16) to discuss Lesley's list and the emails [everyone]
- 6) Develop outline of response to petitions [Jeremy]

See you on Tuesday,
Jeremy

Jeremy Martinich
USEPA, Climate Change Division
202-343-9871

EPA-1169

Rona
Birnbau/DC/USEPA/US
02/16/2010 01:51 PM

To Lesley Jantarasami
cc
bcc
Subject Fw: Q&As for 2/23 budget hearing

please have a look. Maybe (b)(5) deliberative ...? can these be simplified at all?

Rona Birnbau
Chief, Climate Science and Impacts Branch
USEPA, Climate Change Division
birnbau.rona@epa.gov
202-343-9076

----- Forwarded by Rona Birnbau/DC/USEPA/US on 02/16/2010 01:51 PM -----

From: Isabel DeLuca/DC/USEPA/US
To: Rona Birnbau/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA
Date: 02/16/2010 11:44 AM
Subject: Q&As for 2/23 budget hearing

Hi Rona,

David M. has asked that we finalize the Q&As for the budget hearing by Friday, and I've promised Carol something to review before then. David wants something very short--I think 7 pages total for all Q&As. I think we're in good shape--attached are the Q&As I have so far.

(b)(5) deliberative

Budget Hearing Endangerment_Q&As 2.16.10.doc

Questions for you:

- 1) Are these final versions/ok to forward to Carol for review? I can run these by Dina before sending up.
- 2) Are there any additional Q&As we should add? I think these are probably ok, given the lack of space, I wanted to see what you thought. We can also check with Dina and Nancy, who has been tagged with leading this.

Finally, David was hoping (b)(5) deliberative

, but we may need to weigh-in. This should come up in the Mgt. meeting today. I might not be able to attend, due to the concurrent FOIA meeting, but Reid sat in on the 9:45 call and can explain.

thanks,
Isabel

Isabel DeLuca
Climate Change Division
USEPA
202-343-9247 (phone)
202-343-2290 (fax)

EPA-233

Carol Holmes/DC/USEPA/US

02/17/2010 12:54 PM

To Nancy Ketcham-Colwill

cc "Diann Frantz", "Tamara Saltman", Dina Kruger, Rona
Birnbaum

bcc

Subject Re: Fw: Latest Issa Letter

I worked on the third paragraph some, so that it reflects we've looked at all the emails, and our initial impression. But I still hesitate...thoughts?

(b)(5) deliberative

Issa-2_response_DRAFT_2_17_10 csh.doc

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Nancy Ketcham-Colwill Please see Joe's email below. ... 02/16/2010 03:35:34 PM

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: "Carol Holmes" <Holmes.Carol@epamail.epa.gov>
Cc: "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, "Tamara Saltman"
<Saltman.Tamara@epamail.epa.gov>
Date: 02/16/2010 03:35 PM
Subject: Fw: Latest Issa Letter

Please see Joe's email below. Is it possible to add language to Dina's revised draft to the effect of "we
(b)(5) deliberative

Other suggestions welcome!
Joseph Goffman

----- Original Message -----

From: Joseph Goffman
Sent: 02/16/2010 03:25 PM EST
To: Nancy Ketcham-Colwill
Cc: Diann Frantz; Tamara Saltman
Subject: Re: Fw: Fw: Latest Issa Letter

Yes. The February 5 is what I had in mind. Please ask Carol to
(b)(5) deliberative, (b)(5) ACP
Thanks.

Joseph Goffman
Senior Counsel to the Assistant Administrator
Office of Air and Radiation
US Environmental Protection Agency
202 564 3201

Nancy Ketcham-Colwill Joe -- Attached at the end of thi... 02/16/2010 03:17:25 PM

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: "Joseph Goffman" <Goffman.Joseph@epamail.epa.gov>
Cc: "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>
Date: 02/16/2010 03:17 PM
Subject: Fw: Fw: Latest Issa Letter

Joe -- Attached at the end of this long email chain is Dina's redraft of the response to the latest Issa letter (with Vitter and Barrasso as co-signers) re the endangerments findings and our review of the East Anglia emails before we issued the findings. (b)(5) deliberative

Let me know and I can work with Carol on language tweaks.
Carol Holmes

----- Original Message -----

From: Carol Holmes
Sent: 02/16/2010 11:14 AM EST
To: Nancy Ketcham-Colwill
Subject: Re: Fw: Latest Issa Letter

Thanks Nancy. Since we are in litigation and have 4 (and counting) petitions for reconsideration pending, I am happy to participate in that discussion. THANKS

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Nancy Ketcham-Colwill Joe wants (b)(5) deliberative 02/16/2010 10:05:57 AM

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Date: 02/16/2010 10:05 AM
Subject: Fw: Latest Issa Letter

Joe wants (b)(5) deliberative . He and I need to discuss this further, so no decisions yet. Thanks for flagging.

----- Forwarded by Nancy Ketcham-Colwill/DC/USEPA/US on 02/16/2010 10:04 AM -----

From: David McIntosh/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Dina Kruger (b)(6) privacy, Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/12/2010 01:43 PM

Subject: Re: Latest Issa Letter

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Date: 02/12/2010 11:09 AM
Subject: Re: Latest Issa Letter

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(b)(5) deliberative

[REDACTED]

The last draft I saw/wrote took the approach that (b)(5) deliberative

[REDACTED]

Note, also, that in the meantime we've received a second petition for reconsideration.

Can somebody please explain the thinking behind this change in approach, and overall message we would like to send? Thanks, Carol

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David McIntosh Thanks Dina. Not sure if I'm included b... 02/05/2010 12:52:19 PM

From: David McIntosh/DC/USEPA/US
To: Dina Kruger (b)(6) privacy
Cc: Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/05/2010 12:52 PM

Subject: Re: Latest Issa Letter

Thanks Dina. Not sure if I'm included because I'm supposed to weigh in now, but I've attached suggested edits for what they're worth.

[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2] - redline.doc" deleted by Carol Holmes/DC/USEPA/US]

Dina Kruger

Apologies for using gmail -- can't get int...

02/05/2010 12:14:53 PM

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To: Joseph Goffman/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, David McIntosh/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
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It is a little tricky to think about how to discuss given the petition we're responding to. I defer to lawyers on how best to handle.

Hope this is helpful. I'm going to be doing a few errands and back by 1:30. can be reached by cell if needed sooner

Dina

[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2].doc" deleted by David McIntosh/DC/USEPA/US]

EPA-253

Nancy
Ketcham-Colwill/DC/USEPA/US

02/17/2010 01:07 PM

To Carol Holmes

cc Dina Kruger, "Diann Frantz", Rona Birnbaum, "Tamara Saltman"

bcc

Subject Re: Fw: Latest Issa Letter

Try my variation on your theme, embedded in the file below. Does (b)(5) deliberative

Carol Holmes I worked on the third paragraph some,... 02/17/2010 12:54:34 PM

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Dina

[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2].doc" deleted by David McIntosh/DC/USEPA/US]

EPA-310

Isabel DeLuca/DC/USEPA/US

02/17/2010 02:24 PM

To Carol Holmes, Nancy Ketcham-Colwill

cc Dina Kruger, Rona Birnbaum

bcc

Subject Fw: Latest Issa Letter

Somehow, the letter you're working on does not have the quote from the Penn State report, though everything else looks up-to-date. I'm guessing this may be a version error. If so, see the draft below: I've inserted the quote into the version Nancy sent at 1:07, which contains Carol and Nancy's latest revisions.

(b)(5) deliberative

Issa-2_response_DRAFT_2-17-10 chs,nkc+quote.doc

Carol Holmes

What is the different point you are tryin...

02/17/2010 01:18:06 PM

From: Carol Holmes/DC/USEPA/US
To: Nancy Ketcham-Colwill/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, Rona Birnbaum/DC/USEPA/US@EPA, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>
Date: 02/17/2010 01:18 PM
Subject: Re: Fw: Latest Issa Letter

What is the different point you are trying to make?

(b)(5) deliberative

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Carol S. Holmes
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U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Nancy Ketcham-Colwill

Try my variation on your theme,...

02/17/2010 01:07:52 PM

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To: Carol Holmes/DC/USEPA/US@EPA
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02/17/2010 12:54:34 PM

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Holmes/DC/USEPA/US]

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EPA-563

Rona
Birnbaum/DC/USEPA/US
02/17/2010 03:22 PM

To kruger.dina
cc Isabel DeLuca
bcc
Subject Fw: Latest Issa Letter

I am comfortable with this rewrite.

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EPA-1198

Rona
Birnbaum/DC/USEPA/US
02/17/2010 03:40 PM

To Lesley Jantarasami
cc Ben DeAngelo
bcc
Subject for the Q and As

please redraft the Q and A using the new text from this revised letter.
Also, with regard to the Answer, I think we need to emphasize that the IPCC science is a product of hundreds of authors and thousands of good, solid papers in the literature....
..and that is why we rely on it.

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David McIntosh Thanks Dina. Not sure if I'm included b... 02/05/2010 12:52:19 PM

From: David McIntosh/DC/USEPA/US
To: Dina Kruger (b)(6) privacy
Cc: Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/05/2010 12:52 PM
Subject: Re: Latest Issa Letter

Thanks Dina. Not sure if I'm included because I'm supposed to weigh in now, but I've attached suggested edits for what they're worth.

[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2] - redline.doc" deleted by Carol Holmes/DC/USEPA/US]

Dina Kruger Apologies for using gmail -- can't get int... 02/05/2010 12:14:53 PM

From: Dina Kruger (b)(6) privacy
To: Joseph Goffman/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, David McIntosh/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/05/2010 12:14 PM
Subject: Latest Issa Letter

Apologies for using gmail -- can't get into EPA mail remotely right now. But here's a redraft of the Issa letter following on my discussion with Joe yesterday. I'm sharing with everyone at one time because of the time pressure, possibility that we might want to discuss this afternoon, and generally to keep it moving.

It is a little tricky to think about how to discuss given the petition we're responding to. I defer to lawyers on how best to handle.

Hope this is helpful. I'm going to be doing a few errands and back by 1:30. can be reached by cell if needed sooner

Dina

[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2].doc" deleted by David

McIntosh/DC/USEPA/US]

EPA-1163

David
Chalmers/DC/USEPA/US
02/17/2010 06:09 PM

To Lesley Jantarasami
cc
bcc
Subject petition overview with updates

Randol and the supplements included. Let me know if you need to any help with Peabody.

Is it celebration time yet? Haven't been this ready for a barely soda in some time....

(b)(5) deliberative

Overview of Petitions Table 121710 v2 + DBC.doc

EPA-334

Rona
Birnbaum/DC/USEPA/US
02/18/2010 12:17 PM

To Carol Holmes, John Hannon, Dina Kruger
cc
bcc
Subject revised draft briefing

please have a look, particularly the final slide.thanks, Rona

(b)(5) deliberative

petitions for reconsideration briefing.ppt

EPA-1165

Ben DeAngelo/DC/USEPA/US

02/18/2010 12:18 PM

To Lesley Jantarasami

cc

bcc

Subject Re:

(b)(5) deliberative

Budget Hearing Endangerment_Q&As 2.16.10 v2 bjd.doc

Lesley Jantarasami

02/18/2010 12:06:41 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US
Date: 02/18/2010 12:06 PM
Subject:

(b)(5) deliberative

Budget Hearing Endangerment_Q&As 2.17.10 v2.doc

EPA-1142

Rona
Birnbaum/DC/USEPA/US
02/18/2010 12:27 PM

To Ben DeAngelo, Jason Samenow, Jeremy Martinich, Lesley
Jantarasami
cc
bcc
Subject would like your quick review please

(b)(5) deliberative

petitions for reconsideration briefing.ppt

EPA-1151

Rona
Birnbaum/DC/USEPA/US
02/18/2010 12:48 PM

To: Lesley Jantarasami
cc: Ben DeAngelo
bcc:
Subject: Re: Q and As needed asap

made a few minor changes. If ok, please send to Isabel and cc Ben, and me. thanks! Isabel will take care of sending to OGC.

Rona

(b)(5) deliberative

Budget Hearing Endangerment_Q&As 2.18.10.doc

Lesley Jantarasami Just finished incorporating some ed... 02/18/2010 12:34:15 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA
Date: 02/18/2010 12:34 PM
Subject: Re: Q and As needed asap

Just finished incorporating some edits from Ben.
[attachment "Budget Hearing Endangerment_Q&As 2.18.10.doc" deleted by Rona Birnbaum/DC/USEPA/US]

Rona Birnbaum hi, what's the status of the revised 3 Q... 02/18/2010 12:29:18 PM

From: Rona Birnbaum/DC/USEPA/US
To: Lesley Jantarasami/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA
Date: 02/18/2010 12:29 PM
Subject: Q and As needed asap

hi, what's the status of the revised 3 Q and As...we need them asap.
thanks!

EPA-1188

Ben DeAngelo/DC/USEPA/US

02/18/2010 01:04 PM

To Lesley Jantarasami

cc Jason Samenow, Jeremy Martinich, Rona Birnbaum

bcc

Subject Re: would like your quick review please

My edits in red. Think "Academy" in NAS is singular.

(b)(5) deliberative

petitions for reconsideration briefing bjd.ppt

Lesley Jantarasami Hi Rona, This looks good. I correct... 02/18/2010 12:49:35 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA
Cc: Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA
Date: 02/18/2010 12:49 PM
Subject: Re: would like your quick review please

Hi Rona,

This looks good. I corrected some typos and made a few suggested edits - all are in red text.

(b)(5) deliberative

petitions for reconsideration briefing LJ.ppt

Thanks,

Lesley

Rona Birnbaum [attachment "petitions for reconsiderati... 02/18/2010 12:27:33 PM

From: Rona Birnbaum/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US@EPA, Jason Samenow/DC/USEPA/US@EPA, Jeremy Martinich/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA
Date: 02/18/2010 12:27 PM
Subject: would like your quick review please

[attachment "petitions for reconsideration briefing.ppt" deleted by Lesley Jantarasami/DC/USEPA/US]

EPA-324

Rona
Birnbaum/DC/USEPA/US
02/18/2010 03:05 PM

To Carol Holmes, John Hannon
cc
bcc
Subject revised briefing

I'll be talking to Dina shortly to make any final edits and will send you the final then. thanks.

(b)(5) deliberative

petitions for reconsideration briefing.ppt

EPA-314

Carol Holmes/DC/USEPA/US

02/18/2010 03:07 PM

To Isabel DeLuca

cc

bcc

Subject Re: Fw: Latest Issa Letter

no idea. you need to coordinate within OAR. here it is just in case.

(b)(5) deliberative

Issa-2_response_DRAFT_-2_17_10 done.doc

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Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Isabel DeLuca thanks, Carol. I'm assuming that CCD...

02/18/2010 03:06:30 PM

From: Isabel DeLuca/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Date: 02/18/2010 03:06 PM
Subject: Re: Fw: Latest Issa Letter

thanks, Carol. I'm assuming that CCD needs to send this to the OAR Front Office for Gina's signature, or is Nancy doing that? If it's us, can you send me the final draft? (Not sure I have the version you discussed last night.)

Carol Holmes I told folks we were done last night, just...

02/18/2010 03:02:30 PM

From: Carol Holmes/DC/USEPA/US
To: Isabel DeLuca/DC/USEPA/US@EPA
Date: 02/18/2010 03:02 PM
Subject: Re: Fw: Latest Issa Letter

I told folks we were done last night, just forgot to include you.

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Washington, DC 20460
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Fax (202) 564-5603

Isabel DeLuca

Hi Carol, My understanding is that Dina...

02/18/2010 01:03:23 PM

From: Isabel DeLuca/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, Rona Birnbaum/DC/USEPA/US@EPA, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>
Date: 02/18/2010 01:03 PM
Subject: Fw: Latest Issa Letter

Hi Carol,

My understanding is that Dina and Rona were fine with the draft of the letter discussed at yesterday afternoon's meeting. Is there anything else OAP needs to do at this point? Nancy--is someone ushering this through the OAR-approval chain for Gina's signature? If we need to initiate this in CMS, could someone send me the final version?

Thanks,
Isabel

From: Carol Holmes/DC/USEPA/US

To: Nancy Ketcham-Colwill/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, Rona Birnbaum/DC/USEPA/US@EPA, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>

Date: 02/17/2010 04:14 PM

Subject: Re: Fw: Latest Issa Letter
ct:

Hi all -- I just talked with Nancy. I'll run the letter by Rona and Dina at our 4:30 mtg and send our final recommendation around later this afternoon. THANKS

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From: Nancy Ketcham-Colwill/DC/USEPA/US

To: Carol Holmes/DC/USEPA/US@EPA

Cc: Dina Kruger/DC/USEPA/US@EPA, "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, Rona Birnbaum/DC/USEPA/US@EPA, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>

Date: 02/17/2010 01:07 PM

Subje Re: Fw: Latest Issa Letter

ct:

Try my variation on your theme, embedded in the file below. Does (b)(5) deliberative

From: Carol Holmes/DC/USEPA/US

To: Nancy Ketcham-Colwill/DC/USEPA/US@EPA

Cc: "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>, Dina Kruger/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA

Date: 02/17/2010 12:54 PM

Subje Re: Fw: Latest Issa Letter

ct:

I worked on the third paragraph some, so that it reflects we've looked at all the emails, and our initial impression. But I still hesitate....thoughts?
[attachment "Issa-2_response_DRAFT_-2_17_10 csh.doc" deleted by Carol Holmes/DC/USEPA/US]

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From: Nancy Ketcham-Colwill/DC/USEPA/US
To: "Carol Holmes" <Holmes.Carol@epamail.epa.gov>
Cc: "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>
Date: 02/16/2010 03:35 PM
Subject: Fw: Latest Issa Letter

Please see Joe's email below. Is it possible to add language to Dina's revised draft to the effect of "we
(b)(5) deliberative

Other suggestions welcome!

----- Original Message -----

From: Joseph Goffman
Sent: 02/16/2010 03:25 PM EST
To: Nancy Ketcham-Colwill
Cc: Diann Frantz; Tamara Saltman
Subject: Re: Fw: Fw: Latest Issa Letter

Yes. The February 5 is what I had in mind. Please ask Carol to (b)(5) deliberative, (b)(5) ACP
Thanks.

Joseph Goffman
Senior Counsel to the Assistant Administrator
Office of Air and Radiation
US Environmental Protection Agency
202 564 3201

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: "Joseph Goffman" <Goffman.Joseph@epamail.epa.gov>
Cc: "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>
Date: 02/16/2010 03:17 PM
Subject: Fw: Fw: Latest Issa Letter

Joe -- Attached at the end of this long email chain is Dina's redraft of the response to the latest Issa letter (with Vitter and Barrasso as co-signers) re the endangerments findings and our review of the East Anglia emails before we issued the findings. (b)(5) deliberative

Let me know and I can work with Carol

on language tweaks.

----- Original Message -----

From: Carol Holmes

Sent: 02/16/2010 11:14 AM EST

To: Nancy Ketcham-Colwill

Subject: Re: Fw: Latest Issa Letter

Thanks Nancy. Since we are in litigation and have 4 (and counting) petitions for reconsideration pending, I am happy to participate in that discussion. THANKS

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Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Date: 02/16/2010 10:05 AM
Subject: Fw: Latest Issa Letter

Joe wants [REDACTED] (b)(5) deliberative [REDACTED]. He and I need to discuss this further, so no decisions yet. Thanks for flagging.

----- Forwarded by Nancy Ketcham-Colwill/DC/USEPA/US on 02/16/2010 10:04 AM -----

From: David McIntosh/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA

Cc: Dina Kruger/DC/USEPA/US@EPA, Dina Kruger [REDACTED] (b)(6) privacy [REDACTED], Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA

Date: 02/12/2010 01:43 PM
Subject: Re: Latest Issa Letter
bjc
ct:

Not I. I think the new language was already in the version I reviewed.

From: Carol Holmes/DC/USEPA/US
To: David McIntosh/DC/USEPA/US@EPA

Cc: Dina Kruger/DC/USEPA/US@EPA, Dina Kruger (b)(6) privacy, Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA

Date: 02/12/2010 11:09 AM

Subject:

Re: Latest Issa Letter

bjc

cc:

Hi y'all -- Not sure where the letter stands at this point. This version is a little different from what I drafted, in particular the following paragraph:

(b)(5) deliberative

The last draft I saw/wrote took the approach that (b)(5) deliberative

Note, also, that in the meantime we've received a second petition for reconsideration.

Can somebody please explain the thinking behind this change in approach, and overall message we would like to send? Thanks, Carol

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1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Fro David McIntosh/DC/USEPA/US

m:

To: Dina Kruger (b)(6) privacy

Cc: Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA

Dat 02/05/2010 12:52 PM

e:

Su Re: Latest Issa Letter

bje

ct:

Thanks Dina. Not sure if I'm included because I'm supposed to weigh in now, but I've attached suggested edits for what they're worth.

[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2] - redline.doc" deleted by Carol Holmes/DC/USEPA/US]

Fro Dina Kruger (b)(6) privacy

m:

To: Joseph Goffman/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, David McIntosh/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA

Da 02/05/2010 12:14 PM

te:

Su Latest Issa Letter

bje

ct:

Apologies for using gmail -- can't get into EPA mail remotely right now. But here's a redraft of the Issa letter following on my discussion with Joe yesterday. I'm sharing with everyone at one time because of the time pressure, possibility that we might want to discuss this afternoon, and generally to keep it moving.

It is a little tricky to think about how to discuss given the petition we're responding to. I defer to lawyers on how best to handle.

Hope this is helpful. I'm going to be doing a few errands and back by 1:30. can be reached by cell if needed sooner

Dina

[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2].doc" deleted by David McIntosh/DC/USEPA/US]

EPA-289

Carol Holmes/DC/USEPA/US

02/18/2010 04:13 PM

To Carol Holmes

cc Diann Frantz, Dina Kruger, Isabel DeLuca, Nancy
Ketcham-Colwill, Rona Birnbaum, Tamara Saltman

bcc

Subject Re: Fw: Latest Issa Letter

All -- as I said in this email last night, we are good with this draft.

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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Carol Holmes

All -- Rona, Dina and I are fine with the...

02/17/2010 06:10:36 PM

From: Carol Holmes/DC/USEPA/US
To: Nancy Ketcham-Colwill/DC/USEPA/US@EPA
Cc: Diann Frantz/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Isabel
DeLuca/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA, Tamara Saltman
<Saltman.Tamara@epamail.epa.gov>
Date: 02/17/2010 06:10 PM
Subject: Re: Fw: Latest Issa Letter

All -- Rona, Dina and I are fine with the attached. Thanks!

(b)(5) deliberative

Issa-2_response_DRAFT_-2_17_10 done.doc

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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Nancy Ketcham-Colwill

Thanks, Isabel. Carol and I hav...

02/17/2010 04:10:38 PM

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: Isabel DeLuca/DC/USEPA/US@EPA
Cc: Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Rona
Birnbaum/DC/USEPA/US@EPA, Diann Frantz/DC/USEPA/US@EPA
Date: 02/17/2010 04:10 PM
Subject: Re: Fw: Latest Issa Letter

Thanks, Isabel. Carol and I have talked, and Carol will be talking with Dina and Rona in a bit, so hopefully we'll have a final draft by the end of the day.

Isabel DeLuca Somehow, the letter you're working on... 02/17/2010 02:24:43 PM

From: Isabel DeLuca/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/17/2010 02:24 PM
Subject: Fw: Latest Issa Letter

Somehow, the letter you're working on does not have the quote from the Penn State report, though everything else looks up-to-date. I'm guessing this may be a version error. If so, see the draft below: I've inserted the quote into the version Nancy sent at 1:07, which contains Carol and Nancy's latest revisions.

[attachment "Issa-2_response_DRAFT_2-17-10 chs,nkc+quote.doc" deleted by Nancy Ketcham-Colwill/DC/USEPA/US]

Carol Holmes What is the different point you are tryin... 02/17/2010 01:18:06 PM

From: Carol Holmes/DC/USEPA/US
To: Nancy Ketcham-Colwill/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, Rona Birnbaum/DC/USEPA/US@EPA, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>
Date: 02/17/2010 01:18 PM
Subject: Re: Fw: Latest Issa Letter

What is the different point you are trying to make? (b)(5) deliberative

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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Nancy Ketcham-Colwill Try my variation on your theme,... 02/17/2010 01:07:52 PM

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, Rona Birnbaum/DC/USEPA/US@EPA, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>
Date: 02/17/2010 01:07 PM
Subject: Re: Fw: Latest Issa Letter

Try my variation on your theme, embedded in the file below. Does (b)(5) deliberative

Carol Holmes I worked on the third paragraph some,... 02/17/2010 12:54:34 PM

From: Carol Holmes/DC/USEPA/US
To: Nancy Ketcham-Colwill/DC/USEPA/US@EPA
Cc: "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>, Dina Kruger/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/17/2010 12:54 PM
Subject: Re: Fw: Latest Issa Letter

I worked on the third paragraph some, so that it reflects we've looked at all the emails, and our initial impression. But I still hesitate....thoughts?
[attachment "Issa-2_response_DRAFT_-2_17_10 csh.doc" deleted by Carol Holmes/DC/USEPA/US]

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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Nancy Ketcham-Colwill Please see Joe's email below. ... 02/16/2010 03:35:34 PM

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: "Carol Holmes" <Holmes.Carol@epamail.epa.gov>
Cc: "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>
Date: 02/16/2010 03:35 PM
Subject: Fw: Latest Issa Letter

Please see Joe's email below. Is it possible to add language to Dina's revised draft to the effect of "we
(b)(5) deliberative
[REDACTED]

Other suggestions welcome!
Joseph Goffman

----- Original Message -----

From: Joseph Goffman
Sent: 02/16/2010 03:25 PM EST
To: Nancy Ketcham-Colwill
Cc: Diann Frantz; Tamara Saltman
Subject: Re: Fw: Fw: Latest Issa Letter

Yes. The February 5 is what I had in mind. Please ask Carol to (b)(5) deliberative, (b)(5) ACP
[REDACTED] Thanks.

Joseph Goffman
Senior Counsel to the Assistant Administrator
Office of Air and Radiation
US Environmental Protection Agency
202 564 3201

Nancy Ketcham-Colwill Joe -- Attached at the end of thi... 02/16/2010 03:17:25 PM

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: "Joseph Goffman" <Goffman.Joseph@epamail.epa.gov>
Cc: "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>
Date: 02/16/2010 03:17 PM
Subject: Fw: Fw: Latest Issa Letter

Joe -- Attached at the end of this long email chain is Dina's redraft of the response to the latest Issa letter (with Vitter and Barrasso as co-signers) re the endangerments findings and our review of the East Anglia emails before we issued the findings. (b)(5) deliberative

[REDACTED]
[REDACTED] Let me know and I can work with Carol on language tweaks.
Carol Holmes

----- Original Message -----

From: Carol Holmes
Sent: 02/16/2010 11:14 AM EST
To: Nancy Ketcham-Colwill
Subject: Re: Fw: Latest Issa Letter

Thanks Nancy. Since we are in litigation and have 4 (and counting) petitions for reconsideration pending, I am happy to participate in that discussion. THANKS

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Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Nancy Ketcham-Colwill Joe wants (b)(5) deliberative 02/16/2010 10:05:57 AM

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Date: 02/16/2010 10:05 AM
Subject: Fw: Latest Issa Letter

Joe wants (b)(5) deliberative . He and I need to discuss this further, so no decisions yet. Thanks for flagging.

----- Forwarded by Nancy Ketcham-Colwill/DC/USEPA/US on 02/16/2010 10:04 AM -----

From: David McIntosh/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Dina Kruger (b)(6) privacy, Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/12/2010 01:43 PM
Subject: Re: Latest Issa Letter

Not I. I think the new language was already in the version I reviewed.

Carol Holmes

Hi y'all -- Not sure where the letter stan...

02/12/2010 11:09:49 AM

From: Carol Holmes/DC/USEPA/US
To: David McIntosh/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, Dina Kruger (b)(6) privacy, Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/12/2010 11:09 AM
Subject: Re: Latest Issa Letter

Hi y'all -- Not sure where the letter stands at this point. This version is a little different from what I drafted, in particular the following paragraph:

(b)(5) deliberative

The last draft I saw/wrote took the approach that (b)(5) deliberative

Note, also, that in the meantime we've received a second petition for reconsideration.

Can somebody please explain the thinking behind this change in approach, and overall message we would like to send? Thanks, Carol

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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

David McIntosh

Thanks Dina. Not sure if I'm included b...

02/05/2010 12:52:19 PM

From: David McIntosh/DC/USEPA/US
To: Dina Kruger (b)(6) privacy
Cc: Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/05/2010 12:52 PM
Subject: Re: Latest Issa Letter

Thanks Dina. Not sure if I'm included because I'm supposed to weigh in now, but I've attached suggested

edits for what they're worth.

[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2] - redline.doc" deleted by Carol Holmes/DC/USEPA/US]

Dina Kruger

Apologies for using gmail -- can't get int...

02/05/2010 12:14:53 PM

From: Dina Kruger (b)(6) privacy
To: Joseph Goffman/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, David McIntosh/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/05/2010 12:14 PM
Subject: Latest Issa Letter

Apologies for using gmail -- can't get into EPA mail remotely right now. But here's a redraft of the Issa letter following on my discussion with Joe yesterday. I'm sharing with everyone at one time because of the time pressure, possibility that we might want to discuss this afternoon, and generally to keep it moving.

It is a little tricky to think about how to discuss given the petition we're responding to. I defer to lawyers on how best to handle.

Hope this is helpful. I'm going to be doing a few errands and back by 1:30. can be reached by cell if needed sooner

Dina

[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2].doc" deleted by David McIntosh/DC/USEPA/US]

EPA-294

Carol Holmes/DC/USEPA/US

02/18/2010 05:25 PM

To Isabel DeLuca

cc

bcc

Subject Fw: Latest Issa Letter

(b)(5) deliberative

Issa-2_response_DRAFT_-2_17_10 done.doc

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Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

----- Forwarded by Carol Holmes/DC/USEPA/US on 02/18/2010 05:25 PM -----

From: Carol Holmes/DC/USEPA/US
To: Isabel DeLuca/DC/USEPA/US@EPA
Date: 02/18/2010 03:02 PM
Subject: Re: Fw: Latest Issa Letter

I told folks we were done last night, just forgot to include you.

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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

Isabel DeLuca Hi Carol, My understanding is that Dina... 02/18/2010 01:03:23 PM

From: Isabel DeLuca/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA
Cc: Dina Kruger/DC/USEPA/US@EPA, "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, Rona Birnbaum/DC/USEPA/US@EPA, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>
Date: 02/18/2010 01:03 PM
Subject: Fw: Latest Issa Letter

Hi Carol,

My understanding is that Dina and Rona were fine with the draft of the letter discussed at

yesterday afternoon's meeting. Is there anything else OAP needs to do at this point? Nancy--is someone ushering this through the OAR-approval chain for Gina's signature? If we need to initiate this in CMS, could someone send me the final version?

Thanks,
Isabel

From: Carol Holmes/DC/USEPA/US

To: Nancy Ketcham-Colwill/DC/USEPA/US@EPA

Cc: Dina Kruger/DC/USEPA/US@EPA, "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, Rona Birnbaum/DC/USEPA/US@EPA, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>

Date: 02/17/2010 04:14 PM

Subje Re: Fw: Latest Issa Letter

ct:

Hi all -- I just talked with Nancy. I'll run the letter by Rona and Dina at our 4:30 mtg and send our final recommendation around later this afternoon. THANKS

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U.S. Environmental Protection Agency
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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

From: Nancy Ketcham-Colwill/DC/USEPA/US

To: Carol Holmes/DC/USEPA/US@EPA

Cc: Dina Kruger/DC/USEPA/US@EPA, "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, Rona Birnbaum/DC/USEPA/US@EPA, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>

Date: 02/17/2010 01:07 PM

Subje Re: Fw: Latest Issa Letter

ct:

Try my variation on your theme, embedded in the file below. Does (b)(5) deliberative

From: Carol Holmes/DC/USEPA/US

To: Nancy Ketcham-Colwill/DC/USEPA/US@EPA

Cc: "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>, Dina Kruger/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA

Date: 02/17/2010 12:54 PM

Subject: Re: Fw: Latest Issa Letter

ct:

I worked on the third paragraph some, so that it reflects we've looked at all the emails, and our initial impression. But I still hesitate....thoughts?

[attachment "Issa-2_response_DRAFT_-2_17_10 csh.doc" deleted by Carol Holmes/DC/USEPA/US]

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Carol S. Holmes
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U.S. Environmental Protection Agency
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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

From: Nancy Ketcham-Colwill/DC/USEPA/US

To: "Carol Holmes" <Holmes.Carol@epamail.epa.gov>

Cc: "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>

Date: 02/16/2010 03:35 PM

Subject: Fw: Latest Issa Letter

Please see Joe's email below. Is it possible to add language to Dina's revised draft to the effect of "we

(b)(5) deliberative

Other suggestions welcome!

----- Original Message -----

From: Joseph Goffman

Sent: 02/16/2010 03:25 PM EST

To: Nancy Ketcham-Colwill

Cc: Diann Frantz; Tamara Saltman

Subject: Re: Fw: Fw: Latest Issa Letter

Yes. The February 5 is what I had in mind. Please ask Carol to (b)(5) deliberative, (b)(5) ACP

Thanks.

Joseph Goffman
Senior Counsel to the Assistant Administrator
Office of Air and Radiation
US Environmental Protection Agency
202 564 3201

From: Nancy Ketcham-Colwill/DC/USEPA/US

To: "Joseph Goffman" <Goffman.Joseph@epamail.epa.gov>

Cc: "Diann Frantz" <Frantz.Diann@epamail.epa.gov>, "Tamara Saltman" <Saltman.Tamara@epamail.epa.gov>

Date: 02/16/2010 03:17 PM

Subject: Fw: Fw: Latest Issa Letter

Joe -- Attached at the end of this long email chain is Dina's redraft of the response to the latest Issa letter (with Vitter and Barrasso as co-signers) re the endangerments findings and our review of the East Anglia emails before we issued the findings. (b)(5) deliberative

Let me know and I can work with Carol on language tweaks.

----- Original Message -----

From: Carol Holmes

Sent: 02/16/2010 11:14 AM EST

To: Nancy Ketcham-Colwill

Subject: Re: Fw: Latest Issa Letter

Thanks Nancy. Since we are in litigation and have 4 (and counting) petitions for reconsideration pending, I am happy to participate in that discussion. THANKS

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Fax (202) 564-5603

From: Nancy Ketcham-Colwill/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Date: 02/16/2010 10:05 AM
Subject: Fw: Latest Issa Letter

Joe wants [REDACTED] (b)(5) deliberative [REDACTED]. He and I need to discuss this further, so no decisions yet. Thanks for flagging.

----- Forwarded by Nancy Ketcham-Colwill/DC/USEPA/US on 02/16/2010 10:04 AM -----

Fro David McIntosh/DC/USEPA/US
m:
To: Carol Holmes/DC/USEPA/US@EPA

Cc: Dina Kruger/DC/USEPA/US@EPA, Dina Kruger [REDACTED] (b)(6) privacy [REDACTED], Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA

Dat 02/12/2010 01:43 PM

e:

Su Re: Latest Issa Letter

bje

ct:

Not I. I think the new language was already in the version I reviewed.

Fro Carol Holmes/DC/USEPA/US
m:
To: David McIntosh/DC/USEPA/US@EPA

Dina Kruger/DC/USEPA/US@EPA, Dina Kruger [REDACTED] (b)(6) privacy [REDACTED], Gina McCarthy/DC/USEPA/US@EPA, Isabel

Cc: DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA

Date: 02/12/2010 11:09 AM

Re:

Subject: Re: Latest Issa Letter

From:

To:

Hi y'all -- Not sure where the letter stands at this point. This version is a little different from what I drafted, in particular the following paragraph:

(b)(5) deliberative

The last draft I saw/wrote took the approach that (b)(5) deliberative

Note, also, that in the meantime we've received a second petition for reconsideration.

Can somebody please explain the thinking behind this change in approach, and overall message we would like to send? Thanks, Carol

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U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW (MC 2344A)
Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

From: David McIntosh/DC/USEPA/US

Re:

To: Dina Kruger (b)(6) privacy

Cc: Carol Holmes/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Joseph Goffman/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Rona

Birnbaum/DC/USEPA/US@EPA
Date: 02/05/2010 12:52 PM
Subject: Re: Latest Issa Letter
From: bje
To: ct:

Thanks Dina. Not sure if I'm included because I'm supposed to weigh in now, but I've attached suggested edits for what they're worth.
[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2] - redline.doc" deleted by Carol Holmes/DC/USEPA/US]

From: Dina Kruger (b)(6) privacy
To: Joseph Goffman/DC/USEPA/US@EPA, Carol Holmes/DC/USEPA/US@EPA, Isabel DeLuca/DC/USEPA/US@EPA, Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Dina Kruger/DC/USEPA/US@EPA, Gina McCarthy/DC/USEPA/US@EPA, David McIntosh/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/05/2010 12:14 PM
Subject: Latest Issa Letter
From: bje
To: ct:

Apologies for using gmail -- can't get into EPA mail remotely right now. But here's a redraft of the Issa letter following on my discussion with Joe yesterday. I'm sharing with everyone at one time because of the time pressure, possibility that we might want to discuss this afternoon, and generally to keep it moving.

It is a little tricky to think about how to discuss given the petition we're responding to. I defer to lawyers on how best to handle.

Hope this is helpful. I'm going to be doing a few errands and back by 1:30. can be reached by cell if needed sooner

Dina
[attachment "Issa-2_response_DRAFT_-2_5_10_v1[2].doc" deleted by David McIntosh/DC/USEPA/US]

EPA-1104

**Rona
Birnbaum/DC/USEPA/US**
02/18/2010 05:43 PM

To: Jeremy Martinich, Jason Samenow, Ben DeAngelo, David
Chalmers, Marcus Sarofim, Lesley Jantarasami, Michael
Kolian

cc

bcc

Subject: Fw: Found the VA petitions

(b)(5) deliberative

----- Forwarded by Rona Birnbaum/DC/USEPA/US on 02/18/2010 05:41 PM -----

From: Isabel DeLuca/DC/USEPA/US
To: Stacy Kika/DC/USEPA/US@EPA, Rona Birnbaum/DC/USEPA/US@EPA
Date: 02/18/2010 02:33 PM
Subject: Found the VA petitions

On the Attorney General's web site. PDF's of the petitions are below, as well as the link to the site page where I found them.



VA Petition for review 02_16_10.pdf



VA Petition for Reconsideration 02_16_10.pdf

May be found at [http://epa.gov/
climatechange/endangerment/petitions.html](http://epa.gov/climatechange/endangerment/petitions.html)

Attorney General's web site-Court Filings page (scroll down to U.S. Court of Appeals District of Columbia)

http://www.oag.state.va.us/LEGAL_LEGIS/CourtFilings/index.html

Isabel DeLuca
Climate Change Division
USEPA
202-343-9247 (phone)
202-343-2290 (fax)

EPA-309

Isabel DeLuca/DC/USEPA/US

02/18/2010 06:04 PM

To Don Zinger

cc Drew McConville, Ross Natoli, Diann Frantz, Josh Lewis, Nancy Ketcham-Colwill, Carol Holmes, David McIntosh, Joseph Goffman, Dina Kruger, Rona Birnbaum, Jessica Gordon

bcc

Subject Issa response for Gina's signature--this week

Hi Don,

Attached is the response to the 1/14/10 letter from Congressman Issa, regarding the CRU email issue. The goal is to send this out **this week** (that is tomorrow), in advance of the budget hearings next week.

Iterations of this response have been vetted and approved by OAP, David M., Joe G., OGC (Carol Holmes), and Nancy K-C, so this should be ready to go. We're entering this into CMS, but I wanted to flag it for you as well, so that it can be prioritized for Gina's signature.

Once signed, could someone walk a copy down to Diann, Josh, or Jessica in OCIR (whoever is there), so that they can send it out tomorrow?

Please let me know if you have questions, and apologies for the rush.

Thanks,
Isabel

(b)(5) deliberative

Issa-2_response_2_17_10 FINAL.doc

Isabel DeLuca
Climate Change Division
USEPA
202-343-9247 (phone)
202-343-2290 (fax)

EPA-1113

Rona
Birnbaum/DC/USEPA/US
02/18/2010 06:18 PM

To Jason Samenow, Ben DeAngelo, Lesley Jantarasami,
Jeremy Martinich
cc
bcc
Subject the final briefing

thanks for your input. I'll let you know how it goes.

(b)(5) deliberative

petitions for reconsideration briefing.ppt

EPA-317

Rona
Birnbaum/DC/USEPA/US
02/18/2010 07:28 PM

To "Carol Holmes", "John Hannon"
cc
bcc
Subject Fw: tomorrow's briefing

Final slide put into question form.
See you tomorrow.

Sent by EPA Wireless E-Mail Services
Rona Birnbaum

----- Original Message -----

From: Rona Birnbaum
Sent: 02/18/2010 05:40 PM EST
To: Drew McConville
Cc: Isabel DeLuca
Sub row's briefing
(b)(5) deliberative

petitions for reconsideration briefing.ppt

there is a possibility that very minor additional tweaks could happen, if so, we'll bring the hard copies!!
thanks Drew.

- Rona

EPA-270

Carol Holmes/DC/USEPA/US

02/18/2010 11:05 PM

To: Avi Garbow

cc: John Hannon, Richard Ossias, Patricia Embrey

bcc:

Subject: Fw: tomorrow's briefing on endangerment petitions for reconsideration

Avi -- attached are close to final (OAR always tweaks to the end) slides for the 11am mtg tomorrow with Gina. Please don't hesitate to contact me or John if you want to discuss beforehand. Thanks, Carol

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Carol S. Holmes
Office of General Counsel
U.S. Environmental Protection Agency
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Washington, DC 20460
Phone (202) 564-8709
Fax (202) 564-5603

----- Forwarded by Carol Holmes/DC/USEPA/US on 02/18/2010 11:03 PM -----

From: Rona Birnbaum/DC/USEPA/US
To: "Carol Holmes" <Holmes.Carol@epamail.epa.gov>, "John Hannon" <hannon.john@epamail.epa.gov>
Date: 02/18/2010 07:28 PM
Subject: Fw: tomorrow's briefing

Rona Birnbaum

(b)(5) deliberative

petitions for reconsideration briefing.ppt

EPA-322

Isabel DeLuca/DC/USEPA/US

02/19/2010 12:37 PM

To Carol Holmes

cc

bcc

Subject Fw: Q&As for 2/23 budget hearing

Carol,

I'm sorry--I think I failed to forward this to you yesterday. Below are draft Q&As on endangerment for next week's hearing. Dina hasn't had a chance to review yet, but I wanted to get them to you. I'm also attaching here Q&As developed on climate econ issues (Voinovich and Vitter responses), and CCS, in case you want to review.

Thanks, and sorry for the late forward. I know you're crunching.

Isabel

(b)(5) deliberative

Q&A for Jackson related to Voinovich and Vitter requests.doc

(b)(5) deliberative

12_14_Deployment of Carbon Carbon and Sequestration_CCSTaskForce.doc

----- Forwarded by Isabel DeLuca/DC/USEPA/US on 02/19/2010 12:34 PM -----

From: Lesley Jantarasami/DC/USEPA/US
To: Isabel DeLuca/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US
Date: 02/18/2010 12:55 PM
Subject: Re: Q&As for 2/23 budget hearing

Hi Isabel,

We made some changes to the wording of the Q&As instead of adding any additional ones. The final versions are attached and are ready for Dina and Carol's review. Please let us know if you need anything else.

(b)(5) deliberative

Budget Hearing Endangerment_Q&As 2.18.10.doc

Thanks so much,

Lesley

Lesley Jantarasami
US EPA, Climate Change Division
Climate Science & Impacts Branch
202.343.9929
202.343.2202 (fax)
Jantarasami.Lesley@epa.gov

Isabel DeLuca

Hi Rona, David M. has asked that we fi...

02/16/2010 11:44:02 AM

From: Isabel DeLuca/DC/USEPA/US

To: Rona Birnbaum/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA
Date: 02/16/2010 11:44 AM
Subject: Q&As for 2/23 budget hearing

Hi Rona,

David M. has asked that we finalize the Q&As for the budget hearing by Friday, and I've promised Carol something to review before then. David wants something very short--I think 7 pages total for all Q&As. I think we're in good shape--attached are the Q&As I have so far.

[attachment "Budget Hearing Endangerment_Q&As 2.16.10.doc" deleted by Lesley Jantarasami/DC/USEPA/US]

Questions for you:

- 1) Are these final versions/ok to forward to Carol for review? I can run these by Dina before sending up.
- 2) Are there any additional Q&As we should add? I think these are probably ok, given the lack of space, I wanted to see what you thought. We can also check with Dina and Nancy, who has been tagged with leading this.

Finally, David was hoping (b)(5) deliberative [REDACTED], but we may need to weigh-in. This should come up in the Mgt. meeting today. I might not be able to attend, due to the concurrent FOIA meeting, but Reid sat in on the 9:45 call and can explain.

thanks,
Isabel

Isabel DeLuca
Climate Change Division
USEPA
202-343-9247 (phone)
202-343-2290 (fax)

EPA-329

Isabel DeLuca/DC/USEPA/US

02/19/2010 01:12 PM

To Carol Holmes

cc Nancy Ketcham-Colwill, Tamara Saltman

bcc

Subject Re: Fw: Q&As for 2/23 budget hearing

The Endangerment Q&As are new and based on (b)(5) deliberative

Carol, we emailed about this Tuesday, and I said don't review Endangerment Q&As until I sent you the new versions. Nancy, I think I failed to make sure you were in the loop on that plan, and I'm very sorry if you were moving forward editing earlier responses.

The CCS Q&As are also new, based on a request from Becky Higgins today. We've already sent this to Becky, but I wanted to include it FYI, and in case you had suggested edits.

The econ (Voinovich and Vitter responses) were circulated a couple weeks ago, so should be in line with what you've seen already.

Thanks,

Isabel

(b)(5) deliberative

(b)(5) deliberative

12_14_Deployment of Carbon Carbon and Sequestration_CCSTaskForce.doc Budget Hearing Endangerment_Q&As 2.18.10.doc

(b)(5) deliberative

Q&A for Jackson related to Voinovich and Vitter requests.doc

Isabel DeLuca
Climate Change Division
USEPA
202-343-9247 (phone)
202-343-2290 (fax)

Carol Holmes

Thanks, but I've been working with Nan...

02/19/2010 12:57:47 PM

From: Carol Holmes/DC/USEPA/US
To: Isabel DeLuca/DC/USEPA/US@EPA
Cc: Nancy Ketcham-Colwill/DC/USEPA/US@EPA, Tamara Saltman/DC/USEPA/US@EPA
Date: 02/19/2010 12:57 PM
Subject: Re: Fw: Q&As for 2/23 budget hearing

Thanks, but I've been working with Nancy and Tamara on budget hearing questions. Are these in addition to those?

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Phone (202) 564-8709

Fax (202) 564-5603

Isabel DeLuca Carol, I'm sorry--I think I failed to forwar... 02/19/2010 12:37:42 PM

From: Isabel DeLuca/DC/USEPA/US
To: Carol Holmes/DC/USEPA/US@EPA
Date: 02/19/2010 12:37 PM
Subject: Fw: Q&As for 2/23 budget hearing

Carol,
I'm sorry--I think I failed to forward this to you yesterday. Below are draft Q&As on endangerment for next week's hearing. Dina hasn't had a chance to review yet, but I wanted to get them to you. I'm also attaching here Q&As developed on climate econ issues (Voinovich and Vitter responses), and CCS, in case you want to review.

Thanks, and sorry for the late forward. I know you're crunching.

Isabel

[attachment "Q&A for Jackson related to Voinovich and Vitter requests.doc" deleted by Carol Holmes/DC/USEPA/US] [attachment "12_14_Deployment of Carbon Carbon and Sequestration_CCSTaskForce.doc" deleted by Carol Holmes/DC/USEPA/US]
----- Forwarded by Isabel DeLuca/DC/USEPA/US on 02/19/2010 12:34 PM -----

From: Lesley Jantarasami/DC/USEPA/US
To: Isabel DeLuca/DC/USEPA/US@EPA
Cc: Rona Birnbaum/DC/USEPA/US@EPA, Ben DeAngelo/DC/USEPA/US
Date: 02/18/2010 12:55 PM
Subject: Re: Q&As for 2/23 budget hearing

Hi Isabel,

We made some changes to the wording of the Q&As instead of adding any additional ones. The final versions are attached and are ready for Dina and Carol's review. Please let us know if you need anything else.

[attachment "Budget Hearing Endangerment_Q&As 2.18.10.doc" deleted by Carol Holmes/DC/USEPA/US]

Thanks so much,

Lesley

Lesley Jantarasami
US EPA, Climate Change Division
Climate Science & Impacts Branch
202.343.9929
202.343.2202 (fax)
Jantarasami.Lesley@epa.gov

Isabel DeLuca Hi Rona, David M. has asked that we fi... 02/16/2010 11:44:02 AM

From: Isabel DeLuca/DC/USEPA/US
To: Rona Birnbaum/DC/USEPA/US@EPA, Lesley Jantarasami/DC/USEPA/US@EPA
Date: 02/16/2010 11:44 AM

Subject: Q&As for 2/23 budget hearing

Hi Rona,

David M. has asked that we finalize the Q&As for the budget hearing by Friday, and I've promised Carol something to review before then. David wants something very short--I think 7 pages total for all Q&As. I think we're in good shape--attached are the Q&As I have so far.

[attachment "Budget Hearing Endangerment_Q&As 2.16.10.doc" deleted by Lesley Jantarasami/DC/USEPA/US]

Questions for you:

- 1) Are these final versions/ok to forward to Carol for review? I can run these by Dina before sending up.
- 2) Are there any additional Q&As we should add? I think these are probably ok, given the lack of space, I wanted to see what you thought. We can also check with Dina and Nancy, who has been tagged with leading this.

Finally, David was hoping (b)(5) deliberative [REDACTED], but we may need to weigh-in. This should come up in the Mgt. meeting today. I might not be able to attend, due to the concurrent FOIA meeting, but Reid sat in on the 9:45 call and can explain.

thanks,
Isabel

Isabel DeLuca
Climate Change Division
USEPA
202-343-9247 (phone)
202-343-2290 (fax)

EPA-337

Isabel DeLuca/DC/USEPA/US

02/19/2010 05:25 PM

To Rona Birnbaum

cc Lesley Jantarasami, Jason Samenow, Carol Holmes, Nancy
Ketcham-Colwill, Ben DeAngelo, Dina Kruger

bcc

Subject Signed response to Issa CRU #2 (1/14/10 letter)

FYI.

----- Forwarded by Isabel DeLuca/DC/USEPA/US on 02/19/2010 02:37 PM -----

From: Jessica Gordon/DC/USEPA/US
To: Patricia Haman/DC/USEPA/US@EPA
Cc: Drew McConville/DC/USEPA/US@EPA, Gloria Hammond/DC/USEPA/US@EPA, Isabel
DeLuca/DC/USEPA/US@EPA, Martha Faulkner/DC/USEPA/US@EPA, Ross
Natoli/DC/USEPA/US@EPA, Sabrina Hamilton/DC/USEPA/US@EPA
Date: 02/19/2010 02:32 PM
Subject: Re: Gina signed



Issa 02-19-2010.pdf



Barrasso 02-19-2010.pdf



Sensenbrenner 02-19-2010.pdf



Vitter 02-19-2010.pdf



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

FEB 19 2010

OFFICE OF
AIR AND RADIATION

The Honorable David Vitter
Ranking Member
Clean Air and Nuclear Safety Subcommittee
Senate Committee on Environment and Public
Works
U.S. Senate
Washington, D.C. 20510

Dear Senator Vitter:

Thank you for your letter of January 14, 2010 to Administrator Jackson about emails from the Climatic Research Unit of the University of East Anglia (CRU). I am pleased to respond on her behalf.

As explained in my January 22 response to your December 2, 2009 letter, before making the endangerment and cause or contribute findings for greenhouse gases under section 202(a) of the Clean Air Act (74 FR 66496), Administrator Jackson considered the potential implications of the CRU emails for the scientific record compiled by the Agency. As I noted, before the endangerment findings were made, U.S. Environmental Protection Agency (EPA) staff responsible for assembling the scientific record had reviewed many of the emails themselves, and examined those emails that were identified as raising questions about the judgment of several scientists and a data set assembled by CRU. Based on that review, the Agency weighed the potential implications of the emails and concluded that they did not alter our current understanding of the state of climate change science as reflected in the scientific record for the endangerment determinations.

More recently, EPA has received numerous administrative petitions for reconsideration of the findings. The administrative reconsideration petitions before EPA raise many of the same issues you raised in your letter. In developing our response to the petitions, EPA has reviewed all of the released emails and attachments. While we are still reviewing the petitions for reconsideration and the positions they take regarding the impact of the emails, we have not yet found evidence that causes us to question the endangerment finding or the overall science supporting it. We would be pleased to provide a copy of our response to the petitions when it is complete.

In addition to completing an independent assessment of the emails, EPA is also aware that other institutions are undertaking similar inquiries. For example, Pennsylvania State University recently released a report of its inquiry into allegations of research misconduct against

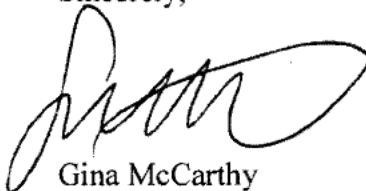
Dr. Michael E. Mann. A copy of the final report is available at the following link: http://www.research.psu.edu/orp/Findings_Mann_Inquiry.pdf. The report states that after careful consideration, there was no credible evidence of intent to suppress or falsify data, nor to conceal or destroy data or misuse privileged information. The report also notes that further inquiry is needed to assess whether this researcher's behavior impacted the public trust. Similarly, Ralph Cicerone, the president of the National Academy of Sciences recently issued a formal statement regarding these emails. He states that in his reading of the vast scientific literature on climate change, our understanding is undiminished by this incident. He too points out the concerns raised by the public about standards of science and the potential damage to the public trust in science.

In your recent letter, you asked EPA to identify any research grants that EPA has awarded in the past 20 years to the Hadley CRU, to Phil Jones, or to Michael Mann. We have conducted a search and to the best of our knowledge, no such grants have been awarded.

Finally, your January 14 letter reiterated your request for any documents EPA may have related to communications or other interactions with the CRU from March 2007 through December 1, 2009. As explained in my January 22 response, we have conducted a search and have determined that we do not have any documents responsive to your request.

I trust this information is helpful. If you have any further questions, please contact me or your staff may contact Diann Frantz in EPA's Office of Congressional and Intergovernmental Relations at 202-564-3668.

Sincerely,

A handwritten signature in black ink, appearing to read 'Gina McCarthy', with a large, stylized loop at the end.

Gina McCarthy
Assistant Administrator



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

FEB 19 2010

OFFICE OF
AIR AND RADIATION

The Honorable F. James Sensenbrenner, Jr.
Ranking Member
House Select Committee on Energy, Independence,
and Global Warming
U.S. House of Representatives
Washington, D.C. 20515

Dear Congressman Sensenbrenner:

Thank you for your letter of January 14, 2010 to Administrator Jackson about emails from the Climatic Research Unit of the University of East Anglia (CRU). I am pleased to respond on her behalf.

As explained in my January 22 response to your December 2, 2009 letter, before making the endangerment and cause or contribute findings for greenhouse gases under section 202(a) of the Clean Air Act (74 FR 66496), Administrator Jackson considered the potential implications of the CRU emails for the scientific record compiled by the Agency. As I noted, before the endangerment findings were made, U.S. Environmental Protection Agency (EPA) staff responsible for assembling the scientific record had reviewed many of the emails themselves, and examined those emails that were identified as raising questions about the judgment of several scientists and a data set assembled by CRU. Based on that review, the Agency weighed the potential implications of the emails and concluded that they did not alter our current understanding of the state of climate change science as reflected in the scientific record for the endangerment determinations.

More recently, EPA has received numerous administrative petitions for reconsideration of the findings. The administrative reconsideration petitions before EPA raise many of the same issues you raised in your letter. In developing our response to the petitions, EPA has reviewed all of the released emails and attachments. While we are still reviewing the petitions for reconsideration and the positions they take regarding the impact of the emails, we have not yet found evidence that causes us to question the endangerment finding or the overall science supporting it. We would be pleased to provide a copy of our response to the petitions when it is complete.

In addition to completing an independent assessment of the emails, EPA is also aware that other institutions are undertaking similar inquiries. For example, Pennsylvania State University recently released a report of its inquiry into allegations of research misconduct against Dr. Michael E. Mann. A copy of the final report is available at the following link:

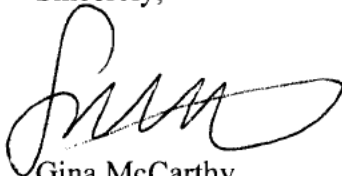
http://www.research.psu.edu/orp/Findings_Mann_Inquiry.pdf. The report states that after careful consideration, there was no credible evidence of intent to suppress or falsify data, nor to conceal or destroy data or misuse privileged information. The report also notes that further inquiry is needed to assess whether this researcher's behavior impacted the public trust. Similarly, Ralph Cicerone, the president of the National Academy of Sciences recently issued a formal statement regarding these emails. He states that in his reading of the vast scientific literature on climate change, our understanding is undiminished by this incident. He too points out the concerns raised by the public about standards of science and the potential damage to the public trust in science.

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Sincerely,

A handwritten signature in black ink, appearing to read 'Gina McCarthy', with a large, stylized initial 'G' and a long horizontal flourish extending to the right.

Gina McCarthy
Assistant Administrator



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

FEB 19 2010

OFFICE OF
AIR AND RADIATION

The Honorable Darrell E. Issa
Ranking Member
House Oversight and Government Reform
Committee
U.S. House of Representatives
Washington, D.C. 20515

Dear Congressman Issa:

Thank you for your letter of January 14, 2010 to Administrator Jackson about emails from the Climatic Research Unit of the University of East Anglia (CRU). I am pleased to respond on her behalf.

As explained in my January 22 response to your December 2, 2009 letter, before making the endangerment and cause or contribute findings for greenhouse gases under section 202(a) of the Clean Air Act (74 FR 66496), Administrator Jackson considered the potential implications of the CRU emails for the scientific record compiled by the Agency. As I noted, before the endangerment findings were made, U.S. Environmental Protection Agency (EPA) staff responsible for assembling the scientific record had reviewed many of the emails themselves, and examined those emails that were identified as raising questions about the judgment of several scientists and a data set assembled by CRU. Based on that review, the Agency weighed the potential implications of the emails and concluded that they did not alter our current understanding of the state of climate change science as reflected in the scientific record for the endangerment determinations.

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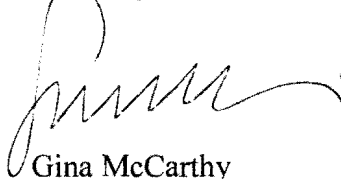
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Sincerely,

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Gina McCarthy
Assistant Administrator



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

FEB 19 2010

OFFICE OF
AIR AND RADIATION

The Honorable John Barrasso
Ranking Member
Subcommittee on Oversight
Senate Committee on Environment and Public
Works
U.S. Senate
Washington, D.C. 20510

Dear Senator Barrasso:

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Sincerely,

A handwritten signature in black ink, appearing to read 'Gina McCarthy', with a stylized, flowing script.

Gina McCarthy
Assistant Administrator

EPA-1137

Ben DeAngelo/DC/USEPA/US

02/22/2010 04:02 PM

To Lesley Jantarasami

cc

bcc

Subject Re: talking points

(b)(5) deliberative

Gina talking points for budget hearing v2.doc

Lesley Jantarasami

[attachment "Gina talking points for...

02/22/2010 03:56:02 PM

From: Lesley Jantarasami/DC/USEPA/US
To: Ben DeAngelo/DC/USEPA/US
Date: 02/22/2010 03:56 PM
Subject: talking points

[attachment "Gina talking points for budget hearing v2.doc" deleted by Ben DeAngelo/DC/USEPA/US]